NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00699-00001	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR(100)	N		CL	0.42	0.50	0.53	44
	00699-00002	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.42	0.46	0.48	44
	00699-00003	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.42	0.46	0.48	44
	00699-00004	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR(100)	N		CL	0.42	0.50	0.53	44
	00699-00005	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.42	0.46	0.48	44
	00699-00006	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.42	0.46	0.48	44
	00699-00007	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	N		CL	0.42	0.50	0.53	44
	00699-00008	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.42	0.46	0.48	44
	00699-00009	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.42	0.46	0.48	44
	00699-00010	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR(100)	N		CL	0.42	0.50	0.53	44
	00699-00011	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.42	0.46	0.48	44
	00699-00012	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.42	0.46	0.48	44
	00699-00013	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR(100)	N		CL	0.42	0.50	0.53	44
	00699-00014	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.42	0.46	0.48	44
	00699-00015	"Spacers Grouped: clr / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.42	0.46	0.48	44
	00699-00016	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR(100)	N		BZ	0.42	0.41	0.39	44

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Print Date: 04/29/2026

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Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00699-00017	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.42	0.37	0.35	44
	00699-00018	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.42	0.37	0.35	44
	00699-00019	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR(100)	N		BZ	0.42	0.41	0.39	44
	00699-00020	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.42	0.37	0.35	44
	00699-00021	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.42	0.37	0.35	44
	00699-00022	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	N		BZ	0.42	0.41	0.39	44
	00699-00023	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.42	0.37	0.35	44
	00699-00024	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.42	0.37	0.35	44
	00699-00025	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR(100)	N		BZ	0.42	0.41	0.39	44
	00699-00026	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.42	0.37	0.35	44
	00699-00027	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.42	0.37	0.35	44
	00699-00028	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR(100)	N		BZ	0.42	0.41	0.39	44
	00699-00029	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.42	0.37	0.35	44
	00699-00030	"Spacers Grouped: bronze / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.42	0.37	0.35	44
	00699-00031	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR(100)	N		GY	0.42	0.38	0.35	44
	00699-00032	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.42	0.34	0.32	44

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00699-00033	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.42	0.34	0.32	44
	00699-00034	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR(100)	N		GY	0.42	0.38	0.35	44
	00699-00035	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.42	0.34	0.32	44
	00699-00036	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.42	0.34	0.32	44
	00699-00037	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	N		GY	0.42	0.38	0.35	44
	00699-00038	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.42	0.34	0.32	44
	00699-00039	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.42	0.34	0.32	44
	00699-00040	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR(100)	N		GY	0.42	0.38	0.35	44
	00699-00041	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.42	0.34	0.32	44
	00699-00042	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.42	0.34	0.32	44
	00699-00043	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR(100)	N		GY	0.42	0.38	0.35	44
	00699-00044	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.42	0.34	0.32	44
	00699-00045	"Spacers Grouped: gray / air / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.42	0.34	0.32	44
	00700-00001	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: AIR(100)	N		CL	0.29	0.18	0.42	56
	00700-00002	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.37	56
	00700-00003	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.37	56

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00700-00004	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: AIR(100)	N		CL	0.29	0.18	0.42	56
	00700-00005	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.37	56
	00700-00006	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.37	56
	00700-00007	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.18	0.42	56
	00700-00008	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.37	56
	00700-00009	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.37	56
	00700-00010	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: AIR(100)	N		CL	0.29	0.18	0.42	56
	00700-00011	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.37	56
	00700-00012	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.37	56
	00700-00013	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: AIR(100)	N		CL	0.29	0.18	0.42	56
	00700-00014	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.37	56
	00700-00015	"Spacers Grouped: E366 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.37	56
	00700-00016	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.31	56
	00700-00017	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.28	56
	00700-00018	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.28	56
	00700-00019	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.31	56

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	00700-00020	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.28	56
	00700-00021	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.28	56
	00700-00022	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.31	56
	00700-00023	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.28	56
	00700-00024	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.28	56
	00700-00025	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.31	56
	00700-00026	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.28	56
	00700-00027	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.28	56
	00700-00028	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.31	56
	00700-00029	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.28	56
	00700-00030	"Spacers Grouped: bronze / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.28	56
	00700-00031	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.28	56
	00700-00032	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.25	56
	00700-00033	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.25	56
	00700-00034	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.28	56
	00700-00035	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.25	56

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00700-00036	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.25	56
	00700-00037	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.28	56
	00700-00038	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.25	56
	00700-00039	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.25	56
	00700-00040	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.28	56
	00700-00041	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.25	56
	00700-00042	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.25	56
	00700-00043	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.28	56
	00700-00044	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.25	56
	00700-00045	"Spacers Grouped: gray / air / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.25	56
	00701-00001	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.41	43
	00701-00002	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.37	43
	00701-00003	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.37	43
	00701-00004	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.41	43
	00701-00005	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.37	43
	00701-00006	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.37	43

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00701-00007	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.41	43
	00701-00008	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.37	43
	00701-00009	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.37	43
	00701-00010	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.18	0.41	43
	00701-00011	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.37	43
	00701-00012	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.37	43
	00701-00013	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.18	0.41	43
	00701-00014	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.37	43
	00701-00015	"Spacers Grouped: E366 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.37	43
	00702-00001	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: AIR(100)	N		CL	0.30	0.12	0.25	56
	00702-00002	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.12	0.22	56
	00702-00003	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.12	0.22	56
	00702-00004	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: AIR(100)	N		CL	0.30	0.12	0.25	56
	00702-00005	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.12	0.22	56
	00702-00006	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.12	0.22	56
	00702-00007	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.12	0.25	56

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00702-00008	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.12	0.22	56
	00702-00009	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.12	0.22	56
	00702-00010	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: AIR(100)	N		CL	0.30	0.12	0.25	56
	00702-00011	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.12	0.22	56
	00702-00012	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.12	0.22	56
	00702-00013	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: AIR(100)	N		CL	0.30	0.12	0.25	56
	00702-00014	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.12	0.22	56
	00702-00015	"Spacers Grouped: E340 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.12	0.22	56
	00702-00016	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR(100)	N		BZ	0.30	0.22	0.18	56
	00702-00017	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.20	0.16	56
	00702-00018	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.20	0.16	56
	00702-00019	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR(100)	N		BZ	0.30	0.22	0.18	56
	00702-00020	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.20	0.16	56
	00702-00021	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.20	0.16	56
	00702-00022	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR(100)	N		BZ	0.30	0.22	0.18	56
	00702-00023	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.20	0.16	56

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	00702-00024	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.20	0.16	56
	00702-00025	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR(100)	N		BZ	0.30	0.22	0.18	56
	00702-00026	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.20	0.16	56
	00702-00027	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.20	0.16	56
	00702-00028	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR(100)	N		BZ	0.30	0.22	0.18	56
	00702-00029	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.20	0.16	56
	00702-00030	"Spacers Grouped: bronze / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.20	0.16	56
	00702-00031	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR(100)	N		GY	0.30	0.20	0.17	56
	00702-00032	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.19	0.15	56
	00702-00033	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.19	0.15	56
	00702-00034	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR(100)	N		GY	0.30	0.20	0.17	56
	00702-00035	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.19	0.15	56
	00702-00036	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.19	0.15	56
	00702-00037	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR(100)	N		GY	0.30	0.20	0.17	56
	00702-00038	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.19	0.15	56
	00702-00039	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.19	0.15	56

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	00702-00040	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR(100)	N		GY	0.30	0.20	0.17	56
	00702-00041	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.30	0.19	0.15	56
	00702-00042	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.30	0.19	0.15	56
	00702-00043	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR(100)	N		GY	0.30	0.20	0.17	56
	00702-00044	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.30	0.19	0.15	56
	00702-00045	"Spacers Grouped: gray / air / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.30	0.19	0.15	56
	00703-00001	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	43
	00703-00002	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.22	43
	00703-00003	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.22	43
	00703-00004	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	43
	00703-00005	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.22	43
	00703-00006	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.22	43
	00703-00007	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	43
	00703-00008	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.22	43
	00703-00009	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.22	43
	00703-00010	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	43

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00703-00011	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.22	43
	00703-00012	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.22	43
	00703-00013	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	43
	00703-00014	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.22	43
	00703-00015	"Spacers Grouped: E340 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.22	43
	00704-00001	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: AIR(100)	N		CL	0.29	0.15	0.34	56
	00704-00002	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.30	56
	00704-00003	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.30	56
	00704-00004	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: AIR(100)	N		CL	0.29	0.15	0.34	56
	00704-00005	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.30	56
	00704-00006	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.30	56
	00704-00007	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.15	0.34	56
	00704-00008	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.30	56
	00704-00009	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.30	56
	00704-00010	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: AIR(100)	N		CL	0.29	0.15	0.34	56
	00704-00011	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.30	56

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00704-00012	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.30	56
	00704-00013	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: AIR(100)	N		CL	0.29	0.15	0.34	56
	00704-00014	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.30	56
	00704-00015	"Spacers Grouped: E452 / air / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.30	56
	00704-00016	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.25	56
	00704-00017	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	56
	00704-00018	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	56
	00704-00019	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.25	56
	00704-00020	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	56
	00704-00021	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	56
	00704-00022	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.25	56
	00704-00023	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	56
	00704-00024	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	56
	00704-00025	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.25	56
	00704-00026	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	56
	00704-00027	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	56

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00704-00028	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.25	56
	00704-00029	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	56
	00704-00030	"Spacers Grouped: bronze / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	56
	00704-00031	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.22	56
	00704-00032	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	56
	00704-00033	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	56
	00704-00034	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.22	56
	00704-00035	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	56
	00704-00036	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	56
	00704-00037	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.22	56
	00704-00038	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	56
	00704-00039	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	56
	00704-00040	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR(100)	N		GY	0.29	0.20	0.22	56
	00704-00041	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	56
	00704-00042	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	56
	00704-00043	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR(100)	N		GY	0.29	0.20	0.22	56

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00704-00044	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	56
	00704-00045	"Spacers Grouped: gray / air / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	56
	00705-00001	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.33	43
	00705-00002	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.13	0.29	43
	00705-00003	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.13	0.29	43
	00705-00004	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.33	43
	00705-00005	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.13	0.29	43
	00705-00006	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.13	0.29	43
	00705-00007	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.33	43
	00705-00008	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.13	0.29	43
	00705-00009	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.13	0.29	43
	00705-00010	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.15	0.33	43
	00705-00011	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.13	0.29	43
	00705-00012	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.13	0.29	43
	00705-00013	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.15	0.33	43
	00705-00014	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.13	0.29	43

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00705-00015	"Spacers Grouped: E452 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.13	0.29	43
	00706-00001	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR(100)	N		CL	0.41	0.49	0.52	45
	00706-00002	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR(100)	N		CL	0.41	0.49	0.52	45
	00706-00003	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR(100)	N		CL	0.41	0.49	0.52	45
	00706-00004	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR(100)	N		CL	0.41	0.49	0.52	45
	00706-00005	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR(100)	N		CL	0.41	0.49	0.52	45
	00706-00006	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR(100)	N		BZ	0.41	0.39	0.38	45
	00706-00007	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR(100)	N		BZ	0.41	0.39	0.38	45
	00706-00008	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR(100)	N		BZ	0.41	0.39	0.38	45
	00706-00009	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR(100)	N		BZ	0.41	0.39	0.38	45
	00706-00010	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR(100)	N		BZ	0.41	0.39	0.38	45
	00706-00011	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR(100)	N		GY	0.41	0.37	0.34	45
	00706-00012	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR(100)	N		GY	0.41	0.37	0.34	45
	00706-00013	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR(100)	N		GY	0.41	0.37	0.34	45
	00706-00014	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR(100)	N		GY	0.41	0.37	0.34	45
	00706-00015	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR(100)	N		GY	0.41	0.37	0.34	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00707-00001	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.44	0.47	45
	00707-00002	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.41	0.44	0.47	45
	00707-00003	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.44	0.47	45
	00707-00004	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.41	0.44	0.47	45
	00707-00005	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.44	0.47	45
	00707-00006	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.41	0.44	0.47	45
	00707-00007	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.41	0.44	0.47	45
	00707-00008	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.41	0.44	0.47	45
	00707-00009	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.41	0.44	0.47	45
	00707-00010	"Spacers Grouped: clr / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.41	0.44	0.47	45
	00707-00011	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.36	0.34	45
	00707-00012	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.36	0.34	45
	00707-00013	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.36	0.34	45
	00707-00014	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.36	0.34	45
	00707-00015	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.36	0.34	45
	00707-00016	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.36	0.34	45

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00707-00017	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.36	0.34	45
	00707-00018	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.36	0.34	45
	00707-00019	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.36	0.34	45
	00707-00020	"Spacers Grouped: bronze / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.36	0.34	45
	00707-00021	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.41	0.33	0.31	45
	00707-00022	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.41	0.33	0.31	45
	00707-00023	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.41	0.33	0.31	45
	00707-00024	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.41	0.33	0.31	45
	00707-00025	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.41	0.33	0.31	45
	00707-00026	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.41	0.33	0.31	45
	00707-00027	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.41	0.33	0.31	45
	00707-00028	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.41	0.33	0.31	45
	00707-00029	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.41	0.33	0.31	45
	00707-00030	"Spacers Grouped: gray / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.41	0.33	0.31	45
	00708-00001	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: AIR(100)	N		CL	0.29	0.18	0.41	55
	00708-00002	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: AIR(100)	N		CL	0.29	0.18	0.41	55

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
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City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00708-00003	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.18	0.41	55
	00708-00004	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: AIR(100)	N		CL	0.29	0.18	0.41	55
	00708-00005	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: AIR(100)	N		CL	0.29	0.18	0.41	55
	00708-00006	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	55
	00708-00007	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	55
	00708-00008	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	55
	00708-00009	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	55
	00708-00010	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	55
	00708-00011	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	55
	00708-00012	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	55
	00708-00013	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	55
	00708-00014	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	55
	00708-00015	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	55
	00709-00001	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.17	0.37	55
	00709-00002	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.17	0.37	55
	00709-00003	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.17	0.37	55

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00709-00004	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.17	0.37	55
	00709-00005	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.17	0.37	55
	00709-00006	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.17	0.37	55
	00709-00007	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.17	0.37	55
	00709-00008	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.17	0.37	55
	00709-00009	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.17	0.37	55
	00709-00010	"Spacers Grouped: E366 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.17	0.37	55
	00709-00011	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.19	0.27	55
	00709-00012	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.19	0.27	55
	00709-00013	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.19	0.27	55
	00709-00014	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.19	0.27	55
	00709-00015	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.19	0.27	55
	00709-00016	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.19	0.27	55
	00709-00017	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.19	0.27	55
	00709-00018	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.19	0.27	55
	00709-00019	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.19	0.27	55

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00709-00020	"Spacers Grouped: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.19	0.27	55
	00709-00021	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.24	55
	00709-00022	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.24	55
	00709-00023	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.24	55
	00709-00024	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.24	55
	00709-00025	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.24	55
	00709-00026	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.24	55
	00709-00027	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.24	55
	00709-00028	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.24	55
	00709-00029	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.24	55
	00709-00030	"Spacers Grouped: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.24	55
	00710-00001	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.40	42
	00710-00002	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.40	42
	00710-00003	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.40	42
	00710-00004	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.18	0.40	42
	00710-00005	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.18	0.40	42

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00711-00001	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.36	42
	00711-00002	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.36	42
	00711-00003	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.36	42
	00711-00004	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.36	42
	00711-00005	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.36	42
	00711-00006	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.36	42
	00711-00007	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.36	42
	00711-00008	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.36	42
	00711-00009	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.36	42
	00711-00010	"Spacers Grouped: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.36	42
	00712-00001	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: AIR(100)	N		CL	0.30	0.12	0.24	55
	00712-00002	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: AIR(100)	N		CL	0.30	0.12	0.24	55
	00712-00003	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.12	0.24	55
	00712-00004	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: AIR(100)	N		CL	0.30	0.12	0.24	55
	00712-00005	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: AIR(100)	N		CL	0.30	0.12	0.24	55
	00712-00006	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR(100)	N		BZ	0.30	0.21	0.18	55

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00712-00007	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR(100)	N		BZ	0.30	0.21	0.18	55
	00712-00008	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR(100)	N		BZ	0.30	0.21	0.18	55
	00712-00009	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR(100)	N		BZ	0.30	0.21	0.18	55
	00712-00010	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR(100)	N		BZ	0.30	0.21	0.18	55
	00712-00011	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR(100)	N		GY	0.30	0.20	0.16	55
	00712-00012	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR(100)	N		GY	0.30	0.20	0.16	55
	00712-00013	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR(100)	N		GY	0.30	0.20	0.16	55
	00712-00014	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR(100)	N		GY	0.30	0.20	0.16	55
	00712-00015	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR(100)	N		GY	0.30	0.20	0.16	55
	00713-00001	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.11	0.22	55
	00713-00002	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.11	0.22	55
	00713-00003	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.11	0.22	55
	00713-00004	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.11	0.22	55
	00713-00005	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.11	0.22	55
	00713-00006	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.11	0.22	55
	00713-00007	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.11	0.22	55

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00713-00008	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.11	0.22	55
	00713-00009	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.11	0.22	55
	00713-00010	"Spacers Grouped: E340 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.11	0.22	55
	00713-00011	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.20	0.16	55
	00713-00012	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.20	0.16	55
	00713-00013	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.20	0.16	55
	00713-00014	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.20	0.16	55
	00713-00015	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.20	0.16	55
	00713-00016	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.20	0.16	55
	00713-00017	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.20	0.16	55
	00713-00018	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.20	0.16	55
	00713-00019	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.20	0.16	55
	00713-00020	"Spacers Grouped: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.20	0.16	55
	00713-00021	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.15	55
	00713-00022	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.15	55
	00713-00023	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.15	55

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00713-00024	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.15	55
	00713-00025	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.15	55
	00713-00026	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.15	55
	00713-00027	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.15	55
	00713-00028	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.15	55
	00713-00029	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.15	55
	00713-00030	"Spacers Grouped: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.15	55
	00714-00001	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	42
	00714-00002	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	42
	00714-00003	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	42
	00714-00004	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	42
	00714-00005	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	42
	00715-00001	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.21	42
	00715-00002	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.21	42
	00715-00003	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.21	42
	00715-00004	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.21	42

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00715-00005	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.21	42
	00715-00006	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.21	42
	00715-00007	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.21	42
	00715-00008	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.21	42
	00715-00009	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.21	42
	00715-00010	"Spacers Grouped: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.21	42
	00716-00001	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: AIR(100)	N		CL	0.29	0.15	0.33	55
	00716-00002	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: AIR(100)	N		CL	0.29	0.15	0.33	55
	00716-00003	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.15	0.33	55
	00716-00004	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: AIR(100)	N		CL	0.29	0.15	0.33	55
	00716-00005	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: AIR(100)	N		CL	0.29	0.15	0.33	55
	00716-00006	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.24	55
	00716-00007	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.24	55
	00716-00008	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.24	55
	00716-00009	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.24	55
	00716-00010	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.24	55

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00716-00011	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.22	55
	00716-00012	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.22	55
	00716-00013	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.22	55
	00716-00014	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR(100)	N		GY	0.29	0.20	0.22	55
	00716-00015	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR(100)	N		GY	0.29	0.20	0.22	55
	00717-00001	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.14	0.30	55
	00717-00002	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.14	0.30	55
	00717-00003	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.14	0.30	55
	00717-00004	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.14	0.30	55
	00717-00005	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.14	0.30	55
	00717-00006	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.14	0.30	55
	00717-00007	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.14	0.30	55
	00717-00008	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.14	0.30	55
	00717-00009	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.14	0.30	55
	00717-00010	"Spacers Grouped: E452 / air / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.14	0.30	55
	00717-00011	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.19	0.22	55

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00717-00012	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.19	0.22	55
	00717-00013	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.19	0.22	55
	00717-00014	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.19	0.22	55
	00717-00015	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.19	0.22	55
	00717-00016	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.19	0.22	55
	00717-00017	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.19	0.22	55
	00717-00018	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.19	0.22	55
	00717-00019	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.19	0.22	55
	00717-00020	"Spacers Grouped: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.30	0.19	0.22	55
	00717-00021	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.20	55
	00717-00022	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.20	55
	00717-00023	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.20	55
	00717-00024	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.20	55
	00717-00025	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.20	55
	00717-00026	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.20	55
	00717-00027	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.20	55

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00717-00028	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.20	55
	00717-00029	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.30	0.18	0.20	55
	00717-00030	"Spacers Grouped: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.30	0.18	0.20	55
	00718-00001	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	42
	00718-00002	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	42
	00718-00003	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	42
	00718-00004	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	42
	00718-00005	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	42
	00719-00001	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.13	0.29	42
	00719-00002	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.13	0.29	42
	00719-00003	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.13	0.29	42
	00719-00004	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.13	0.29	42
	00719-00005	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.13	0.29	42
	00719-00006	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.13	0.29	42
	00719-00007	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.13	0.29	42
	00719-00008	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.13	0.29	42

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00719-00009	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.13	0.29	42
	00719-00010	"Spacers Grouped: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.13	0.29	42
	00720-00001	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	N		CL	0.41	0.44	0.51	46
	00720-00002	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.40	0.46	46
	00720-00003	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.41	0.40	0.46	46
	00720-00004	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	N		CL	0.41	0.44	0.51	46
	00720-00005	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.40	0.46	46
	00720-00006	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.41	0.40	0.46	46
	00720-00007	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	N		CL	0.41	0.44	0.51	46
	00720-00008	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.40	0.46	46
	00720-00009	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.41	0.40	0.46	46
	00720-00010	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	N		CL	0.41	0.44	0.51	46
	00720-00011	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.41	0.40	0.46	46
	00720-00012	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.41	0.40	0.46	46
	00720-00013	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.41	0.44	0.51	46
	00720-00014	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.41	0.40	0.46	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00720-00015	"Spacers Grouped: lami / air / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.41	0.40	0.46	46
	00720-00016	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	N		BZ	0.41	0.36	0.38	46
	00720-00017	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.33	0.34	46
	00720-00018	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.33	0.34	46
	00720-00019	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	N		BZ	0.41	0.36	0.38	46
	00720-00020	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.33	0.34	46
	00720-00021	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.33	0.34	46
	00720-00022	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	N		BZ	0.41	0.36	0.38	46
	00720-00023	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.33	0.34	46
	00720-00024	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.33	0.34	46
	00720-00025	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	N		BZ	0.41	0.36	0.38	46
	00720-00026	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.33	0.34	46
	00720-00027	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.33	0.34	46
	00720-00028	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	N		BZ	0.41	0.36	0.38	46
	00720-00029	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.33	0.34	46
	00720-00030	"Spacers Grouped: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.33	0.34	46

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00720-00031	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	N		GY	0.41	0.34	0.34	46
	00720-00032	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.41	0.31	0.31	46
	00720-00033	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.41	0.31	0.31	46
	00720-00034	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	N		GY	0.41	0.34	0.34	46
	00720-00035	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.41	0.31	0.31	46
	00720-00036	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.41	0.31	0.31	46
	00720-00037	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	N		GY	0.41	0.34	0.34	46
	00720-00038	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.41	0.31	0.31	46
	00720-00039	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.41	0.31	0.31	46
	00720-00040	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	N		GY	0.41	0.34	0.34	46
	00720-00041	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.41	0.31	0.31	46
	00720-00042	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.41	0.31	0.31	46
	00720-00043	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	N		GY	0.41	0.34	0.34	46
	00720-00044	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.41	0.31	0.31	46
	00720-00045	"Spacers Grouped: gray-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.41	0.31	0.31	46
	00721-00001	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.29	0.19	0.41	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00721-00002	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.37	58
	00721-00003	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.37	58
	00721-00004	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.29	0.19	0.41	58
	00721-00005	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.37	58
	00721-00006	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.37	58
	00721-00007	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.19	0.41	58
	00721-00008	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.37	58
	00721-00009	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.37	58
	00721-00010	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.29	0.19	0.41	58
	00721-00011	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.37	58
	00721-00012	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.37	58
	00721-00013	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.29	0.19	0.41	58
	00721-00014	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.37	58
	00721-00015	"Spacers Grouped: E366-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.37	58
	00721-00016	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	58
	00721-00017	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.18	0.27	58

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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00721-00018	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.18	0.27	58
	00721-00019	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	58
	00721-00020	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.18	0.27	58
	00721-00021	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.18	0.27	58
	00721-00022	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	58
	00721-00023	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.18	0.27	58
	00721-00024	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.18	0.27	58
	00721-00025	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	58
	00721-00026	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.18	0.27	58
	00721-00027	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.18	0.27	58
	00721-00028	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	58
	00721-00029	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.18	0.27	58
	00721-00030	"Spacers Grouped: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.18	0.27	58
	00721-00031	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	58
	00721-00032	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.17	0.24	58
	00721-00033	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.17	0.24	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00721-00034	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	58
	00721-00035	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.17	0.24	58
	00721-00036	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.17	0.24	58
	00721-00037	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	58
	00721-00038	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.17	0.24	58
	00721-00039	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.17	0.24	58
	00721-00040	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	58
	00721-00041	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.17	0.24	58
	00721-00042	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.17	0.24	58
	00721-00043	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	58
	00721-00044	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.17	0.24	58
	00721-00045	"Spacers Grouped: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.17	0.24	58
	00722-00001	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.40	45
	00722-00002	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.17	0.36	45
	00722-00003	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.17	0.36	45
	00722-00004	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.40	45

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00722-00005	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.17	0.36	45
	00722-00006	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.17	0.36	45
	00722-00007	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.40	45
	00722-00008	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.17	0.36	45
	00722-00009	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.17	0.36	45
	00722-00010	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.18	0.40	45
	00722-00011	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.17	0.36	45
	00722-00012	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.17	0.36	45
	00722-00013	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.18	0.40	45
	00722-00014	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.17	0.36	45
	00722-00015	"Spacers Grouped: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.17	0.36	45
	00723-00001	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.29	0.13	0.24	58
	00723-00002	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.12	0.22	58
	00723-00003	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.12	0.22	58
	00723-00004	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.29	0.13	0.24	58
	00723-00005	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.12	0.22	58

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00723-00006	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.12	0.22	58
	00723-00007	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.13	0.24	58
	00723-00008	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.12	0.22	58
	00723-00009	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.12	0.22	58
	00723-00010	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.29	0.13	0.24	58
	00723-00011	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.12	0.22	58
	00723-00012	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.12	0.22	58
	00723-00013	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.29	0.13	0.24	58
	00723-00014	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.12	0.22	58
	00723-00015	"Spacers Grouped: E340-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.12	0.22	58
	00723-00016	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.18	58
	00723-00017	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.16	58
	00723-00018	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.16	58
	00723-00019	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.18	58
	00723-00020	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.16	58
	00723-00021	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.16	58

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Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00723-00022	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.18	58
	00723-00023	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.16	58
	00723-00024	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.16	58
	00723-00025	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.18	58
	00723-00026	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.16	58
	00723-00027	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.16	58
	00723-00028	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.18	58
	00723-00029	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.16	58
	00723-00030	"Spacers Grouped: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.16	58
	00723-00031	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.16	58
	00723-00032	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.15	58
	00723-00033	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.15	58
	00723-00034	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.16	58
	00723-00035	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.15	58
	00723-00036	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.15	58
	00723-00037	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.16	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00723-00038	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.15	58
	00723-00039	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.15	58
	00723-00040	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	N		GY	0.29	0.20	0.16	58
	00723-00041	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.15	58
	00723-00042	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.15	58
	00723-00043	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	N		GY	0.29	0.20	0.16	58
	00723-00044	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.15	58
	00723-00045	"Spacers Grouped: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.15	58
	00724-00001	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	45
	00724-00002	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.12	0.21	45
	00724-00003	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.12	0.21	45
	00724-00004	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	45
	00724-00005	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.12	0.21	45
	00724-00006	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.12	0.21	45
	00724-00007	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	45
	00724-00008	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.12	0.21	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00724-00009	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.12	0.21	45
	00724-00010	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	45
	00724-00011	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.12	0.21	45
	00724-00012	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.12	0.21	45
	00724-00013	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	45
	00724-00014	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.12	0.21	45
	00724-00015	"Spacers Grouped: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.12	0.21	45
	00725-00001	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.29	0.16	0.33	58
	00725-00002	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.30	58
	00725-00003	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.30	58
	00725-00004	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.29	0.16	0.33	58
	00725-00005	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.30	58
	00725-00006	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.30	58
	00725-00007	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.16	0.33	58
	00725-00008	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.30	58
	00725-00009	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.30	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00725-00010	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.29	0.16	0.33	58
	00725-00011	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.30	58
	00725-00012	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.30	58
	00725-00013	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.29	0.16	0.33	58
	00725-00014	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.30	58
	00725-00015	"Spacers Grouped: E452-lami / air / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.30	58
	00725-00016	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.24	58
	00725-00017	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	58
	00725-00018	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	58
	00725-00019	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.24	58
	00725-00020	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	58
	00725-00021	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	58
	00725-00022	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.24	58
	00725-00023	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	58
	00725-00024	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	58
	00725-00025	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.24	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00725-00026	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	58
	00725-00027	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	58
	00725-00028	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.24	58
	00725-00029	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	58
	00725-00030	"Spacers Grouped: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	58
	00725-00031	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.22	58
	00725-00032	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	58
	00725-00033	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	58
	00725-00034	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.22	58
	00725-00035	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	58
	00725-00036	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	58
	00725-00037	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.22	58
	00725-00038	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	58
	00725-00039	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	58
	00725-00040	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.22	58
	00725-00041	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00725-00042	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	58
	00725-00043	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.22	58
	00725-00044	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	58
	00725-00045	"Spacers Grouped: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	58
	00726-00001	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	45
	00726-00002	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.14	0.29	45
	00726-00003	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.14	0.29	45
	00726-00004	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	45
	00726-00005	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.14	0.29	45
	00726-00006	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.14	0.29	45
	00726-00007	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	45
	00726-00008	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.14	0.29	45
	00726-00009	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.14	0.29	45
	00726-00010	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	45
	00726-00011	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.14	0.29	45
	00726-00012	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.14	0.29	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00726-00013	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	45
	00726-00014	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.14	0.29	45
	00726-00015	"Spacers Grouped: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.14	0.29	45
	00727-00001	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	N		CL	0.41	0.43	0.50	46
	00727-00002	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.39	0.45	46
	00727-00003	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.41	0.39	0.45	46
	00727-00004	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	N		CL	0.41	0.43	0.50	46
	00727-00005	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.39	0.45	46
	00727-00006	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.41	0.39	0.45	46
	00727-00007	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	N		CL	0.41	0.43	0.50	46
	00727-00008	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.41	0.39	0.45	46
	00727-00009	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.41	0.39	0.45	46
	00727-00010	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	N		CL	0.41	0.43	0.50	46
	00727-00011	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.41	0.39	0.45	46
	00727-00012	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.41	0.39	0.45	46
	00727-00013	"Spacers Grouped: lami / air / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.41	0.43	0.50	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Test Date: 07/16/2024
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00727-00014	"Spacers Grouped: lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.41	0.39	0.45	46
	00727-00015	"Spacers Grouped: lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.41	0.39	0.45	46
	00727-00016	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	N		BZ	0.41	0.36	0.38	46
	00727-00017	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.33	0.34	46
	00727-00018	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.33	0.34	46
	00727-00019	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	N		BZ	0.41	0.36	0.38	46
	00727-00020	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.33	0.34	46
	00727-00021	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.33	0.34	46
	00727-00022	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	N		BZ	0.41	0.36	0.38	46
	00727-00023	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.33	0.34	46
	00727-00024	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.33	0.34	46
	00727-00025	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	N		BZ	0.41	0.36	0.38	46
	00727-00026	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.33	0.34	46
	00727-00027	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.33	0.34	46
	00727-00028	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	N		BZ	0.41	0.36	0.38	46
	00727-00029	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.33	0.34	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
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Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00727-00030	"Spacers Grouped: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.41	0.33	0.34	46
	00727-00031	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	N		GY	0.41	0.34	0.34	46
	00727-00032	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.41	0.31	0.31	46
	00727-00033	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.41	0.31	0.31	46
	00727-00034	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	N		GY	0.41	0.34	0.34	46
	00727-00035	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.41	0.31	0.31	46
	00727-00036	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.41	0.31	0.31	46
	00727-00037	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	N		GY	0.41	0.34	0.34	46
	00727-00038	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.41	0.31	0.31	46
	00727-00039	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.41	0.31	0.31	46
	00727-00040	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	N		GY	0.41	0.34	0.34	46
	00727-00041	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.41	0.31	0.31	46
	00727-00042	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.41	0.31	0.31	46
	00727-00043	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	N		GY	0.41	0.34	0.34	46
	00727-00044	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.41	0.31	0.31	46
	00727-00045	"Spacers Grouped: gray-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.41	0.31	0.31	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00728-00001	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.29	0.19	0.40	58
	00728-00002	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.36	58
	00728-00003	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.36	58
	00728-00004	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.29	0.19	0.40	58
	00728-00005	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.36	58
	00728-00006	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.36	58
	00728-00007	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.19	0.40	58
	00728-00008	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.36	58
	00728-00009	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.36	58
	00728-00010	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.29	0.19	0.40	58
	00728-00011	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.36	58
	00728-00012	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.36	58
	00728-00013	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.29	0.19	0.40	58
	00728-00014	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.17	0.36	58
	00728-00015	"Spacers Grouped: E366-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.17	0.36	58
	00728-00016	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00728-00017	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.18	0.27	58
	00728-00018	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.18	0.27	58
	00728-00019	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	58
	00728-00020	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.18	0.27	58
	00728-00021	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.18	0.27	58
	00728-00022	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	58
	00728-00023	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.18	0.27	58
	00728-00024	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.18	0.27	58
	00728-00025	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	58
	00728-00026	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.18	0.27	58
	00728-00027	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.18	0.27	58
	00728-00028	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.30	58
	00728-00029	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.18	0.27	58
	00728-00030	"Spacers Grouped: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.18	0.27	58
	00728-00031	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	58
	00728-00032	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.17	0.24	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00728-00033	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.17	0.24	58
	00728-00034	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	58
	00728-00035	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.17	0.24	58
	00728-00036	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.17	0.24	58
	00728-00037	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	58
	00728-00038	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.17	0.24	58
	00728-00039	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.17	0.24	58
	00728-00040	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	58
	00728-00041	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.17	0.24	58
	00728-00042	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.17	0.24	58
	00728-00043	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.27	58
	00728-00044	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.17	0.24	58
	00728-00045	"Spacers Grouped: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.17	0.24	58
	00729-00001	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.39	45
	00729-00002	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.35	45
	00729-00003	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.35	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00729-00004	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.39	45
	00729-00005	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.35	45
	00729-00006	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.35	45
	00729-00007	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.18	0.39	45
	00729-00008	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.35	45
	00729-00009	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.35	45
	00729-00010	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.18	0.39	45
	00729-00011	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.35	45
	00729-00012	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.35	45
	00729-00013	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.18	0.39	45
	00729-00014	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.16	0.35	45
	00729-00015	"Spacers Grouped: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.16	0.35	45
	00730-00001	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.29	0.13	0.24	58
	00730-00002	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.12	0.22	58
	00730-00003	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.12	0.22	58
	00730-00004	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.29	0.13	0.24	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00730-00005	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.12	0.22	58
	00730-00006	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.12	0.22	58
	00730-00007	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.13	0.24	58
	00730-00008	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.12	0.22	58
	00730-00009	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.12	0.22	58
	00730-00010	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.29	0.13	0.24	58
	00730-00011	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.12	0.22	58
	00730-00012	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.12	0.22	58
	00730-00013	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.29	0.13	0.24	58
	00730-00014	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.12	0.22	58
	00730-00015	"Spacers Grouped: E340-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.12	0.22	58
	00730-00016	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.18	58
	00730-00017	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.16	58
	00730-00018	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.16	58
	00730-00019	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.18	58
	00730-00020	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.16	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00730-00021	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.16	58
	00730-00022	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.18	58
	00730-00023	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.16	58
	00730-00024	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.16	58
	00730-00025	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.18	58
	00730-00026	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.16	58
	00730-00027	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.16	58
	00730-00028	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	N		BZ	0.29	0.21	0.18	58
	00730-00029	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.16	58
	00730-00030	"Spacers Grouped: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.16	58
	00730-00031	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.16	58
	00730-00032	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.15	58
	00730-00033	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.15	58
	00730-00034	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.16	58
	00730-00035	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.15	58
	00730-00036	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.15	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00730-00037	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	N		GY	0.29	0.20	0.16	58
	00730-00038	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.15	58
	00730-00039	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.15	58
	00730-00040	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	N		GY	0.29	0.20	0.16	58
	00730-00041	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.15	58
	00730-00042	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.15	58
	00730-00043	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	N		GY	0.29	0.20	0.16	58
	00730-00044	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.15	58
	00730-00045	"Spacers Grouped: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.15	58
	00731-00001	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	45
	00731-00002	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.21	45
	00731-00003	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.21	45
	00731-00004	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	45
	00731-00005	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.21	45
	00731-00006	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.21	45
	00731-00007	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00731-00008	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.21	45
	00731-00009	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.21	45
	00731-00010	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	45
	00731-00011	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.21	45
	00731-00012	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.21	45
	00731-00013	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.12	0.24	45
	00731-00014	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.11	0.21	45
	00731-00015	"Spacers Grouped: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.11	0.21	45
	00732-00001	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.29	0.16	0.33	58
	00732-00002	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.29	58
	00732-00003	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.29	58
	00732-00004	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.29	0.16	0.33	58
	00732-00005	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.29	58
	00732-00006	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.29	58
	00732-00007	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.29	0.16	0.33	58
	00732-00008	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.29	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00732-00009	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.29	58
	00732-00010	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.29	0.16	0.33	58
	00732-00011	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.29	58
	00732-00012	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.29	58
	00732-00013	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.29	0.16	0.33	58
	00732-00014	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.14	0.29	58
	00732-00015	"Spacers Grouped: E452-lami / air / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.29	0.14	0.29	58
	00732-00016	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.24	58
	00732-00017	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	58
	00732-00018	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	58
	00732-00019	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.24	58
	00732-00020	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	58
	00732-00021	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	58
	00732-00022	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.24	58
	00732-00023	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	58
	00732-00024	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00732-00025	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.24	58
	00732-00026	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	58
	00732-00027	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	58
	00732-00028	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	N		BZ	0.29	0.20	0.24	58
	00732-00029	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.19	0.22	58
	00732-00030	"Spacers Grouped: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	BZ	0.29	0.19	0.22	58
	00732-00031	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.22	58
	00732-00032	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	58
	00732-00033	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	58
	00732-00034	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.22	58
	00732-00035	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	58
	00732-00036	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	58
	00732-00037	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	N		GY	0.29	0.19	0.22	58
	00732-00038	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	58
	00732-00039	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	58
	00732-00040	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.22	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00732-00041	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	58
	00732-00042	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	58
	00732-00043	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	N		GY	0.29	0.19	0.22	58
	00732-00044	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.18	0.20	58
	00732-00045	"Spacers Grouped: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	GY	0.29	0.18	0.20	58
	00733-00001	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	45
	00733-00002	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.14	0.29	45
	00733-00003	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.14	0.29	45
	00733-00004	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	45
	00733-00005	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.14	0.29	45
	00733-00006	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.14	0.29	45
	00733-00007	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	45
	00733-00008	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.14	0.29	45
	00733-00009	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.14	0.29	45
	00733-00010	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	45
	00733-00011	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.14	0.29	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00733-00012	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.14	0.29	45
	00733-00013	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.15	0.32	45
	00733-00014	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.14	0.29	45
	00733-00015	"Spacers Grouped: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.14	0.29	45
	00734-00001	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	CU-D	Fill 1: AIR(100)	N		CL	0.30	0.41	0.49	57
	00734-00002	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.37	0.45	57
	00734-00003	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.37	0.45	57
	00734-00004	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SU-D	Fill 1: AIR(100)	N		CL	0.30	0.41	0.49	57
	00734-00005	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.37	0.45	57
	00734-00006	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.37	0.45	57
	00734-00007	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.41	0.49	57
	00734-00008	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.37	0.45	57
	00734-00009	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.37	0.45	57
	00734-00010	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	OF-S	Fill 1: AIR(100)	N		CL	0.30	0.41	0.49	57
	00734-00011	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.37	0.45	57
	00734-00012	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.37	0.45	57

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00734-00013	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	ZF-S	Fill 1: AIR(100)	N		CL	0.30	0.41	0.49	57
	00734-00014	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.37	0.45	57
	00734-00015	"Spacers Grouped: E180 / air / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.37	0.45	57
	00735-00001	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: AIR(100)	N		CL	0.30	0.40	0.49	56
	00735-00002	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.36	0.44	56
	00735-00003	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.36	0.44	56
	00735-00004	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: AIR(100)	N		CL	0.30	0.40	0.49	56
	00735-00005	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.36	0.44	56
	00735-00006	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.36	0.44	56
	00735-00007	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.40	0.49	56
	00735-00008	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.36	0.44	56
	00735-00009	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.30	0.36	0.44	56
	00735-00010	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: AIR(100)	N		CL	0.30	0.40	0.49	56
	00735-00011	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.36	0.44	56
	00735-00012	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.36	0.44	56
	00735-00013	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: AIR(100)	N		CL	0.30	0.40	0.49	56

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00735-00014	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.30	0.36	0.44	56
	00735-00015	"Spacers Grouped: E180 / air / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.30	0.36	0.44	56
	00736-00001	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.41	0.50	43
	00736-00002	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.37	0.45	43
	00736-00003	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.37	0.45	43
	00736-00004	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.41	0.50	43
	00736-00005	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.37	0.45	43
	00736-00006	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.37	0.45	43
	00736-00007	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.41	0.50	43
	00736-00008	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.37	0.45	43
	00736-00009	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.37	0.45	43
	00736-00010	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.41	0.50	43
	00736-00011	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.37	0.45	43
	00736-00012	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.37	0.45	43
	00736-00013	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.41	0.50	43
	00736-00014	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.37	0.45	43

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00736-00015	"Spacers Grouped: E180 / air / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.37	0.45	43
	00737-00001	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	N		CL	0.26	0.40	0.50	42
	00737-00002	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.37	0.45	42
	00737-00003	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.37	0.45	42
	00737-00004	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	N		CL	0.26	0.40	0.50	42
	00737-00005	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.37	0.45	42
	00737-00006	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.37	0.45	42
	00737-00007	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.40	0.50	42
	00737-00008	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.37	0.45	42
	00737-00009	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	S	0.75	CL	0.26	0.37	0.45	42
	00737-00010	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	N		CL	0.26	0.40	0.50	42
	00737-00011	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.37	0.45	42
	00737-00012	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.37	0.45	42
	00737-00013	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	N		CL	0.26	0.40	0.50	42
	00737-00014	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	G	0.75	CL	0.26	0.37	0.45	42
	00737-00015	"Spacers Grouped: E180 / air / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR(100)	S	0.75	CL	0.26	0.37	0.45	42

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00738-00001	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG(93/7)	N		CL	0.40	0.50	0.53	46
	00738-00002	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.40	0.46	0.48	46
	00738-00003	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.40	0.46	0.48	46
	00738-00004	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG(93/7)	N		CL	0.40	0.50	0.53	46
	00738-00005	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.40	0.46	0.48	46
	00738-00006	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.40	0.46	0.48	46
	00738-00007	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG(93/7)	N		CL	0.40	0.50	0.53	46
	00738-00008	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.40	0.46	0.48	46
	00738-00009	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.40	0.46	0.48	46
	00738-00010	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG(93/7)	N		CL	0.40	0.50	0.53	46
	00738-00011	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.40	0.46	0.48	46
	00738-00012	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.40	0.46	0.48	46
	00738-00013	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG(93/7)	N		CL	0.40	0.50	0.53	46
	00738-00014	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.40	0.46	0.48	46
	00738-00015	"Spacers Grouped: clr / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.40	0.46	0.48	46
	00738-00016	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG(93/7)	N		BZ	0.40	0.41	0.39	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00738-00017	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.40	0.37	0.35	46
	00738-00018	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.40	0.37	0.35	46
	00738-00019	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG(93/7)	N		BZ	0.40	0.41	0.39	46
	00738-00020	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.40	0.37	0.35	46
	00738-00021	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.40	0.37	0.35	46
	00738-00022	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG(93/7)	N		BZ	0.40	0.41	0.39	46
	00738-00023	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.40	0.37	0.35	46
	00738-00024	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.40	0.37	0.35	46
	00738-00025	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG(93/7)	N		BZ	0.40	0.41	0.39	46
	00738-00026	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.40	0.37	0.35	46
	00738-00027	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.40	0.37	0.35	46
	00738-00028	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.40	0.41	0.39	46
	00738-00029	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.40	0.37	0.35	46
	00738-00030	"Spacers Grouped: bronze / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.40	0.37	0.35	46
	00738-00031	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG(93/7)	N		GY	0.40	0.38	0.35	46
	00738-00032	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.40	0.34	0.32	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00738-00033	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.40	0.34	0.32	46
	00738-00034	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG(93/7)	N		GY	0.40	0.38	0.35	46
	00738-00035	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.40	0.34	0.32	46
	00738-00036	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.40	0.34	0.32	46
	00738-00037	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG(93/7)	N		GY	0.40	0.38	0.35	46
	00738-00038	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.40	0.34	0.32	46
	00738-00039	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.40	0.34	0.32	46
	00738-00040	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG(93/7)	N		GY	0.40	0.38	0.35	46
	00738-00041	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.40	0.34	0.32	46
	00738-00042	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.40	0.34	0.32	46
	00738-00043	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG(93/7)	N		GY	0.40	0.38	0.35	46
	00738-00044	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.40	0.34	0.32	46
	00738-00045	"Spacers Grouped: gray / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.40	0.34	0.32	46
	00739-00001	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.42	60
	00739-00002	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.37	60
	00739-00003	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.37	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00739-00004	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.42	60
	00739-00005	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.37	60
	00739-00006	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.37	60
	00739-00007	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.42	60
	00739-00008	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.37	60
	00739-00009	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.37	60
	00739-00010	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.42	60
	00739-00011	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.37	60
	00739-00012	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.37	60
	00739-00013	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.42	60
	00739-00014	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.37	60
	00739-00015	"Spacers Grouped: E366 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.37	60
	00739-00016	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.31	60
	00739-00017	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.28	60
	00739-00018	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.28	60
	00739-00019	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.31	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00739-00020	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.28	60
	00739-00021	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.28	60
	00739-00022	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.31	60
	00739-00023	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.28	60
	00739-00024	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.28	60
	00739-00025	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.31	60
	00739-00026	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.28	60
	00739-00027	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.28	60
	00739-00028	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.31	60
	00739-00029	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.28	60
	00739-00030	"Spacers Grouped: bronze / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.28	60
	00739-00031	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.28	60
	00739-00032	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.25	60
	00739-00033	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.25	60
	00739-00034	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.28	60
	00739-00035	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.25	60

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00739-00036	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.25	60
	00739-00037	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.28	60
	00739-00038	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.25	60
	00739-00039	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.25	60
	00739-00040	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.28	60
	00739-00041	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.25	60
	00739-00042	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.25	60
	00739-00043	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.28	60
	00739-00044	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.25	60
	00739-00045	"Spacers Grouped: gray / arg93 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.25	60
	00740-00001	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.41	47
	00740-00002	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.37	47
	00740-00003	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.37	47
	00740-00004	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.41	47
	00740-00005	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.37	47
	00740-00006	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.37	47

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00740-00007	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.41	47
	00740-00008	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.37	47
	00740-00009	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.37	47
	00740-00010	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.41	47
	00740-00011	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.37	47
	00740-00012	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.37	47
	00740-00013	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.41	47
	00740-00014	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.37	47
	00740-00015	"Spacers Grouped: E366 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.37	47
	00741-00001	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: ARG(93/7)	N		CL	0.27	0.12	0.25	60
	00741-00002	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.11	0.22	60
	00741-00003	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.11	0.22	60
	00741-00004	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: ARG(93/7)	N		CL	0.27	0.12	0.25	60
	00741-00005	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.11	0.22	60
	00741-00006	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.11	0.22	60
	00741-00007	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG(93/7)	N		CL	0.27	0.12	0.25	60

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00741-00008	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.11	0.22	60
	00741-00009	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.11	0.22	60
	00741-00010	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: ARG(93/7)	N		CL	0.27	0.12	0.25	60
	00741-00011	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.11	0.22	60
	00741-00012	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.11	0.22	60
	00741-00013	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: ARG(93/7)	N		CL	0.27	0.12	0.25	60
	00741-00014	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.11	0.22	60
	00741-00015	"Spacers Grouped: E340 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.11	0.22	60
	00741-00016	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG(93/7)	N		BZ	0.27	0.22	0.18	60
	00741-00017	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.20	0.16	60
	00741-00018	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.20	0.16	60
	00741-00019	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG(93/7)	N		BZ	0.27	0.22	0.18	60
	00741-00020	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.20	0.16	60
	00741-00021	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.20	0.16	60
	00741-00022	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG(93/7)	N		BZ	0.27	0.22	0.18	60
	00741-00023	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.20	0.16	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00741-00024	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.20	0.16	60
	00741-00025	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG(93/7)	N		BZ	0.27	0.22	0.18	60
	00741-00026	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.20	0.16	60
	00741-00027	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.20	0.16	60
	00741-00028	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.27	0.22	0.18	60
	00741-00029	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.20	0.16	60
	00741-00030	"Spacers Grouped: bronze / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.20	0.16	60
	00741-00031	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG(93/7)	N		GY	0.27	0.20	0.17	60
	00741-00032	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.19	0.15	60
	00741-00033	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.19	0.15	60
	00741-00034	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG(93/7)	N		GY	0.27	0.20	0.17	60
	00741-00035	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.19	0.15	60
	00741-00036	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.19	0.15	60
	00741-00037	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG(93/7)	N		GY	0.27	0.20	0.17	60
	00741-00038	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.19	0.15	60
	00741-00039	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.19	0.15	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00741-00040	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG(93/7)	N		GY	0.27	0.20	0.17	60
	00741-00041	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.19	0.15	60
	00741-00042	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.19	0.15	60
	00741-00043	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG(93/7)	N		GY	0.27	0.20	0.17	60
	00741-00044	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.19	0.15	60
	00741-00045	"Spacers Grouped: gray / arg93 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.19	0.15	60
	00742-00001	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.12	0.24	47
	00742-00002	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.11	0.22	47
	00742-00003	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.11	0.22	47
	00742-00004	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.12	0.24	47
	00742-00005	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.11	0.22	47
	00742-00006	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.11	0.22	47
	00742-00007	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	N		CL	0.23	0.12	0.24	47
	00742-00008	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.11	0.22	47
	00742-00009	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.11	0.22	47
	00742-00010	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.12	0.24	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00742-00011	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.11	0.22	47
	00742-00012	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.11	0.22	47
	00742-00013	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.12	0.24	47
	00742-00014	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.11	0.22	47
	00742-00015	"Spacers Grouped: E340 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.11	0.22	47
	00743-00001	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.34	60
	00743-00002	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.30	60
	00743-00003	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.30	60
	00743-00004	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.34	60
	00743-00005	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.30	60
	00743-00006	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.30	60
	00743-00007	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.34	60
	00743-00008	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.30	60
	00743-00009	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.30	60
	00743-00010	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.34	60
	00743-00011	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.30	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00743-00012	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.30	60
	00743-00013	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.34	60
	00743-00014	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.30	60
	00743-00015	"Spacers Grouped: E452 / arg93 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.30	60
	00743-00016	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.21	0.25	60
	00743-00017	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.22	60
	00743-00018	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.22	60
	00743-00019	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.21	0.25	60
	00743-00020	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.22	60
	00743-00021	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.22	60
	00743-00022	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.21	0.25	60
	00743-00023	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.22	60
	00743-00024	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.22	60
	00743-00025	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.21	0.25	60
	00743-00026	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.22	60
	00743-00027	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.22	60

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00743-00028	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.21	0.25	60
	00743-00029	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.22	60
	00743-00030	"Spacers Grouped: bronze / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.22	60
	00743-00031	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.22	60
	00743-00032	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.18	0.20	60
	00743-00033	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.18	0.20	60
	00743-00034	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.22	60
	00743-00035	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.18	0.20	60
	00743-00036	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.18	0.20	60
	00743-00037	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.22	60
	00743-00038	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.18	0.20	60
	00743-00039	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.18	0.20	60
	00743-00040	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.22	60
	00743-00041	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.18	0.20	60
	00743-00042	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.18	0.20	60
	00743-00043	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.22	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00743-00044	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.18	0.20	60
	00743-00045	"Spacers Grouped: gray / arg93 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.18	0.20	60
	00744-00001	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.14	0.33	47
	00744-00002	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	47
	00744-00003	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	47
	00744-00004	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.14	0.33	47
	00744-00005	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	47
	00744-00006	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	47
	00744-00007	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	N		CL	0.23	0.14	0.33	47
	00744-00008	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	47
	00744-00009	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	47
	00744-00010	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.14	0.33	47
	00744-00011	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	47
	00744-00012	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	47
	00744-00013	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.14	0.33	47
	00744-00014	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00744-00015	"Spacers Grouped: E452 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	47
	00745-00001	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG(93/7)	N		CL	0.39	0.49	0.52	46
	00745-00002	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG(93/7)	N		CL	0.39	0.49	0.52	46
	00745-00003	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG(93/7)	N		CL	0.39	0.49	0.52	46
	00745-00004	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG(93/7)	N		CL	0.39	0.49	0.52	46
	00745-00005	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG(93/7)	N		CL	0.39	0.49	0.52	46
	00745-00006	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG(93/7)	N		BZ	0.39	0.39	0.38	46
	00745-00007	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG(93/7)	N		BZ	0.39	0.39	0.38	46
	00745-00008	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG(93/7)	N		BZ	0.39	0.39	0.38	46
	00745-00009	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG(93/7)	N		BZ	0.39	0.39	0.38	46
	00745-00010	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.39	0.39	0.38	46
	00745-00011	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG(93/7)	N		GY	0.39	0.37	0.34	46
	00745-00012	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG(93/7)	N		GY	0.39	0.37	0.34	46
	00745-00013	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG(93/7)	N		GY	0.39	0.37	0.34	46
	00745-00014	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG(93/7)	N		GY	0.39	0.37	0.34	46
	00745-00015	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG(93/7)	N		GY	0.39	0.37	0.34	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00746-00001	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.39	0.44	0.47	46
	00746-00002	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.39	0.44	0.47	46
	00746-00003	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.39	0.44	0.47	46
	00746-00004	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.39	0.44	0.47	46
	00746-00005	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.39	0.44	0.47	46
	00746-00006	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.39	0.44	0.47	46
	00746-00007	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.39	0.44	0.47	46
	00746-00008	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.39	0.44	0.47	46
	00746-00009	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.39	0.44	0.47	46
	00746-00010	"Spacers Grouped: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.39	0.44	0.47	46
	00746-00011	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.39	0.36	0.34	46
	00746-00012	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.39	0.36	0.34	46
	00746-00013	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.39	0.36	0.34	46
	00746-00014	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.39	0.36	0.34	46
	00746-00015	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.39	0.36	0.34	46
	00746-00016	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.39	0.36	0.34	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00746-00017	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.39	0.36	0.34	46
	00746-00018	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.39	0.36	0.34	46
	00746-00019	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.39	0.36	0.34	46
	00746-00020	"Spacers Grouped: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.39	0.36	0.34	46
	00746-00021	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.39	0.33	0.31	46
	00746-00022	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.39	0.33	0.31	46
	00746-00023	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.39	0.33	0.31	46
	00746-00024	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.39	0.33	0.31	46
	00746-00025	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.39	0.33	0.31	46
	00746-00026	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.39	0.33	0.31	46
	00746-00027	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.39	0.33	0.31	46
	00746-00028	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.39	0.33	0.31	46
	00746-00029	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.39	0.33	0.31	46
	00746-00030	"Spacers Grouped: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.39	0.33	0.31	46
	00747-00001	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.41	59
	00747-00002	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.41	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00747-00003	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.41	59
	00747-00004	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.41	59
	00747-00005	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.41	59
	00747-00006	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	59
	00747-00007	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	59
	00747-00008	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	59
	00747-00009	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	59
	00747-00010	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	59
	00747-00011	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.27	59
	00747-00012	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.27	59
	00747-00013	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.27	59
	00747-00014	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.27	59
	00747-00015	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.27	59
	00748-00001	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.16	0.37	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00748-00002	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.16	0.37	59
	00748-00003	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.16	0.37	59
	00748-00004	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.16	0.37	59
	00748-00005	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.16	0.37	59
	00748-00006	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.16	0.37	59
	00748-00007	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.16	0.37	59
	00748-00008	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.16	0.37	59
	00748-00009	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.16	0.37	59
	00748-00010	"Spacers Grouped: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.16	0.37	59
	00748-00011	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.27	59
	00748-00012	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.27	59
	00748-00013	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.27	59
	00748-00014	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.27	59
	00748-00015	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.27	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00748-00016	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.27	59
	00748-00017	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.27	59
	00748-00018	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.27	59
	00748-00019	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.27	59
	00748-00020	"Spacers Grouped: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.27	59
	00748-00021	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.17	0.24	59
	00748-00022	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.17	0.24	59
	00748-00023	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.17	0.24	59
	00748-00024	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.17	0.24	59
	00748-00025	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.17	0.24	59
	00748-00026	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.17	0.24	59
	00748-00027	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.17	0.24	59
	00748-00028	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.17	0.24	59
	00748-00029	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.17	0.24	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00748-00030	"Spacers Grouped: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.17	0.24	59
	00749-00001	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.40	46
	00749-00002	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.40	46
	00749-00003	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.40	46
	00749-00004	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.40	46
	00749-00005	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.40	46
	00750-00001	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.36	46
	00750-00002	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.36	46
	00750-00003	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.36	46
	00750-00004	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.36	46
	00750-00005	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.36	46
	00750-00006	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.36	46
	00750-00007	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.36	46
	00750-00008	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.36	46
	00750-00009	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.36	46
	00750-00010	"Spacers Grouped: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.36	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00751-00001	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.12	0.24	59
	00751-00002	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.12	0.24	59
	00751-00003	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: ARG(93/7)	N		CL	0.26	0.12	0.24	59
	00751-00004	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.12	0.24	59
	00751-00005	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.12	0.24	59
	00751-00006	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.22	0.18	59
	00751-00007	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.22	0.18	59
	00751-00008	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.22	0.18	59
	00751-00009	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.22	0.18	59
	00751-00010	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.22	0.18	59
	00751-00011	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.16	59
	00751-00012	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.16	59
	00751-00013	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.16	59
	00751-00014	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.16	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00751-00015	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.16	59
	00752-00001	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.11	0.22	59
	00752-00002	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.11	0.22	59
	00752-00003	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.11	0.22	59
	00752-00004	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.11	0.22	59
	00752-00005	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.11	0.22	59
	00752-00006	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.11	0.22	59
	00752-00007	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.11	0.22	59
	00752-00008	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.11	0.22	59
	00752-00009	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.11	0.22	59
	00752-00010	"Spacers Grouped: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.11	0.22	59
	00752-00011	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.20	0.16	59
	00752-00012	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.20	0.16	59
	00752-00013	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.20	0.16	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00752-00014	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.20	0.16	59
	00752-00015	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.20	0.16	59
	00752-00016	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.20	0.16	59
	00752-00017	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.20	0.16	59
	00752-00018	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.20	0.16	59
	00752-00019	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.20	0.16	59
	00752-00020	"Spacers Grouped: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.20	0.16	59
	00752-00021	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	59
	00752-00022	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	59
	00752-00023	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	59
	00752-00024	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	59
	00752-00025	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	59
	00752-00026	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	59

NFRC Product Certification Authorization Report

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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00752-00027	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	59
	00752-00028	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	59
	00752-00029	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	59
	00752-00030	"Spacers Grouped: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	59
	00753-00001	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.12	0.24	46
	00753-00002	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.12	0.24	46
	00753-00003	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: ARG(93/7)	N		CL	0.23	0.12	0.24	46
	00753-00004	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.12	0.24	46
	00753-00005	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.12	0.24	46
	00754-00001	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	46
	00754-00002	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	46
	00754-00003	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	46
	00754-00004	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	46
	00754-00005	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	46
	00754-00006	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	46
	00754-00007	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00754-00008	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	46
	00754-00009	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	46
	00754-00010	"Spacers Grouped: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	46
	00755-00001	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	59
	00755-00002	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	59
	00755-00003	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	59
	00755-00004	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	59
	00755-00005	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	59
	00755-00006	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.21	0.24	59
	00755-00007	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.21	0.24	59
	00755-00008	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.21	0.24	59
	00755-00009	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.21	0.24	59
	00755-00010	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.21	0.24	59
	00755-00011	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.22	59

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00755-00012	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.22	59
	00755-00013	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.22	59
	00755-00014	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.22	59
	00755-00015	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.20	0.22	59
	00756-00001	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.13	0.30	59
	00756-00002	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.13	0.30	59
	00756-00003	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.13	0.30	59
	00756-00004	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.13	0.30	59
	00756-00005	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.13	0.30	59
	00756-00006	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.13	0.30	59
	00756-00007	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.13	0.30	59
	00756-00008	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.13	0.30	59
	00756-00009	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.13	0.30	59
	00756-00010	"Spacers Grouped: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.13	0.30	59
	00756-00011	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.22	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00756-00012	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.22	59
	00756-00013	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.22	59
	00756-00014	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.22	59
	00756-00015	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.22	59
	00756-00016	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.22	59
	00756-00017	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.22	59
	00756-00018	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.22	59
	00756-00019	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.22	59
	00756-00020	"Spacers Grouped: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.22	59
	00756-00021	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.20	59
	00756-00022	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.20	59
	00756-00023	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.20	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00756-00024	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.20	59
	00756-00025	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.20	59
	00756-00026	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.20	59
	00756-00027	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.20	59
	00756-00028	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.20	59
	00756-00029	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.20	59
	00756-00030	"Spacers Grouped: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.20	59
	00757-00001	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.14	0.32	46
	00757-00002	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.14	0.32	46
	00757-00003	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: ARG(93/7)	N		CL	0.23	0.14	0.32	46
	00757-00004	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.14	0.32	46
	00757-00005	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.14	0.32	46
	00758-00001	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	46
	00758-00002	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	46
	00758-00003	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	46
	00758-00004	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	46

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00758-00005	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	46
	00758-00006	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	46
	00758-00007	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	46
	00758-00008	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	46
	00758-00009	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	46
	00758-00010	"Spacers Grouped: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	46
	00759-00001	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.40	0.44	0.51	48
	00759-00002	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.40	0.40	0.46	48
	00759-00003	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.40	0.40	0.46	48
	00759-00004	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.40	0.44	0.51	48
	00759-00005	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.40	0.40	0.46	48
	00759-00006	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.40	0.40	0.46	48
	00759-00007	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.40	0.44	0.51	48
	00759-00008	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.40	0.40	0.46	48
	00759-00009	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.40	0.40	0.46	48
	00759-00010	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.40	0.44	0.51	48

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00759-00011	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.40	0.40	0.46	48
	00759-00012	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.40	0.40	0.46	48
	00759-00013	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.40	0.44	0.51	48
	00759-00014	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.40	0.40	0.46	48
	00759-00015	"Spacers Grouped: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.40	0.40	0.46	48
	00759-00016	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	N		BZ	0.40	0.36	0.38	48
	00759-00017	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.40	0.33	0.34	48
	00759-00018	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.40	0.33	0.34	48
	00759-00019	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	N		BZ	0.40	0.36	0.38	48
	00759-00020	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.40	0.33	0.34	48
	00759-00021	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.40	0.33	0.34	48
	00759-00022	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	N		BZ	0.40	0.36	0.38	48
	00759-00023	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.40	0.33	0.34	48
	00759-00024	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.40	0.33	0.34	48
	00759-00025	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	N		BZ	0.40	0.36	0.38	48
	00759-00026	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.40	0.33	0.34	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00759-00027	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.40	0.33	0.34	48
	00759-00028	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.40	0.36	0.38	48
	00759-00029	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.40	0.33	0.34	48
	00759-00030	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.40	0.33	0.34	48
	00759-00031	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	N		GY	0.40	0.34	0.34	48
	00759-00032	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.40	0.31	0.31	48
	00759-00033	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.40	0.31	0.31	48
	00759-00034	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	N		GY	0.40	0.34	0.34	48
	00759-00035	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.40	0.31	0.31	48
	00759-00036	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.40	0.31	0.31	48
	00759-00037	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	N		GY	0.40	0.34	0.34	48
	00759-00038	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.40	0.31	0.31	48
	00759-00039	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.40	0.31	0.31	48
	00759-00040	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	N		GY	0.40	0.34	0.34	48
	00759-00041	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.40	0.31	0.31	48
	00759-00042	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.40	0.31	0.31	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00759-00043	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	N		GY	0.40	0.34	0.34	48
	00759-00044	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.40	0.31	0.31	48
	00759-00045	"Spacers Grouped: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.40	0.31	0.31	48
	00760-00001	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.41	62
	00760-00002	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.37	62
	00760-00003	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.37	62
	00760-00004	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.41	62
	00760-00005	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.37	62
	00760-00006	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.37	62
	00760-00007	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.41	62
	00760-00008	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.37	62
	00760-00009	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.37	62
	00760-00010	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.41	62
	00760-00011	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.37	62
	00760-00012	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.37	62
	00760-00013	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.41	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00760-00014	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.37	62
	00760-00015	"Spacers Grouped: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.37	62
	00760-00016	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	62
	00760-00017	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.27	62
	00760-00018	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.27	62
	00760-00019	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	62
	00760-00020	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.27	62
	00760-00021	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.27	62
	00760-00022	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	62
	00760-00023	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.27	62
	00760-00024	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.27	62
	00760-00025	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	62
	00760-00026	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.27	62
	00760-00027	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.27	62
	00760-00028	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	62
	00760-00029	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.27	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00760-00030	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.27	62
	00760-00031	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.18	0.27	62
	00760-00032	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.24	62
	00760-00033	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.24	62
	00760-00034	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.18	0.27	62
	00760-00035	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.24	62
	00760-00036	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.24	62
	00760-00037	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		GY	0.26	0.18	0.27	62
	00760-00038	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.24	62
	00760-00039	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.24	62
	00760-00040	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.18	0.27	62
	00760-00041	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.24	62
	00760-00042	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.24	62
	00760-00043	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.18	0.27	62
	00760-00044	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.24	62
	00760-00045	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.24	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00761-00001	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.40	49
	00761-00002	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.36	49
	00761-00003	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.36	49
	00761-00004	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.40	49
	00761-00005	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.36	49
	00761-00006	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.36	49
	00761-00007	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.40	49
	00761-00008	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.36	49
	00761-00009	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.36	49
	00761-00010	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.40	49
	00761-00011	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.36	49
	00761-00012	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.36	49
	00761-00013	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.40	49
	00761-00014	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.36	49
	00761-00015	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.36	49
	00762-00001	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.27	0.13	0.24	62

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00762-00002	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.12	0.22	62
	00762-00003	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.12	0.22	62
	00762-00004	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.27	0.13	0.24	62
	00762-00005	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.12	0.22	62
	00762-00006	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.12	0.22	62
	00762-00007	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.27	0.13	0.24	62
	00762-00008	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.12	0.22	62
	00762-00009	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.12	0.22	62
	00762-00010	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.27	0.13	0.24	62
	00762-00011	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.12	0.22	62
	00762-00012	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.12	0.22	62
	00762-00013	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.27	0.13	0.24	62
	00762-00014	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.12	0.22	62
	00762-00015	"Spacers Grouped: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.12	0.22	62
	00762-00016	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		BZ	0.27	0.21	0.18	62
	00762-00017	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.16	62

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00762-00018	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.16	62
	00762-00019	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		BZ	0.27	0.21	0.18	62
	00762-00020	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.16	62
	00762-00021	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.16	62
	00762-00022	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		BZ	0.27	0.21	0.18	62
	00762-00023	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.16	62
	00762-00024	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.16	62
	00762-00025	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		BZ	0.27	0.21	0.18	62
	00762-00026	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.16	62
	00762-00027	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.16	62
	00762-00028	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.27	0.21	0.18	62
	00762-00029	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.16	62
	00762-00030	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.16	62
	00762-00031	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		GY	0.27	0.19	0.16	62
	00762-00032	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	62
	00762-00033	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	62

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	00762-00034	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		GY	0.27	0.19	0.16	62
	00762-00035	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	62
	00762-00036	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	62
	00762-00037	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		GY	0.27	0.19	0.16	62
	00762-00038	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	62
	00762-00039	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	62
	00762-00040	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		GY	0.27	0.19	0.16	62
	00762-00041	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	62
	00762-00042	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	62
	00762-00043	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		GY	0.27	0.19	0.16	62
	00762-00044	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	62
	00762-00045	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	62
	00763-00001	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.24	0.12	0.24	49
	00763-00002	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	49
	00763-00003	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	49
	00763-00004	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.24	0.12	0.24	49

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	00763-00005	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	49
	00763-00006	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	49
	00763-00007	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.24	0.12	0.24	49
	00763-00008	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	49
	00763-00009	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	49
	00763-00010	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.24	0.12	0.24	49
	00763-00011	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	49
	00763-00012	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	49
	00763-00013	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.24	0.12	0.24	49
	00763-00014	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	49
	00763-00015	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	49
	00764-00001	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	62
	00764-00002	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.30	62
	00764-00003	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.30	62
	00764-00004	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	62
	00764-00005	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.30	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00764-00006	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.30	62
	00764-00007	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	62
	00764-00008	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.30	62
	00764-00009	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.30	62
	00764-00010	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	62
	00764-00011	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.30	62
	00764-00012	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.30	62
	00764-00013	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	62
	00764-00014	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.30	62
	00764-00015	"Spacers Grouped: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.30	62
	00764-00016	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.24	62
	00764-00017	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.22	62
	00764-00018	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.22	62
	00764-00019	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.24	62
	00764-00020	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.22	62
	00764-00021	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.22	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00764-00022	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.24	62
	00764-00023	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.22	62
	00764-00024	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.22	62
	00764-00025	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.24	62
	00764-00026	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.22	62
	00764-00027	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.22	62
	00764-00028	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.24	62
	00764-00029	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.22	62
	00764-00030	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.22	62
	00764-00031	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.22	62
	00764-00032	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.20	62
	00764-00033	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.20	62
	00764-00034	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.22	62
	00764-00035	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.20	62
	00764-00036	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.20	62
	00764-00037	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.22	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00764-00038	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.20	62
	00764-00039	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.20	62
	00764-00040	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.22	62
	00764-00041	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.20	62
	00764-00042	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.20	62
	00764-00043	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.22	62
	00764-00044	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.20	62
	00764-00045	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.20	62
	00765-00001	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.15	0.32	49
	00765-00002	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	49
	00765-00003	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	49
	00765-00004	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.15	0.32	49
	00765-00005	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	49
	00765-00006	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	49
	00765-00007	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.23	0.15	0.32	49
	00765-00008	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00765-00009	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	49
	00765-00010	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.15	0.32	49
	00765-00011	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	49
	00765-00012	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	49
	00765-00013	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.15	0.32	49
	00765-00014	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	49
	00765-00015	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	49
	00766-00001	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.39	0.43	0.50	48
	00766-00002	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.39	0.39	0.45	48
	00766-00003	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.39	0.39	0.45	48
	00766-00004	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.39	0.43	0.50	48
	00766-00005	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.39	0.39	0.45	48
	00766-00006	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.39	0.39	0.45	48
	00766-00007	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.39	0.43	0.50	48
	00766-00008	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.39	0.39	0.45	48
	00766-00009	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.39	0.39	0.45	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00766-00010	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.39	0.43	0.50	48
	00766-00011	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.39	0.39	0.45	48
	00766-00012	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.39	0.39	0.45	48
	00766-00013	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.39	0.43	0.50	48
	00766-00014	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.39	0.39	0.45	48
	00766-00015	"Spacers Grouped: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.39	0.39	0.45	48
	00766-00016	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	N		BZ	0.39	0.36	0.38	48
	00766-00017	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.39	0.33	0.34	48
	00766-00018	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.39	0.33	0.34	48
	00766-00019	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	N		BZ	0.39	0.36	0.38	48
	00766-00020	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.39	0.33	0.34	48
	00766-00021	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.39	0.33	0.34	48
	00766-00022	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	N		BZ	0.39	0.36	0.38	48
	00766-00023	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.39	0.33	0.34	48
	00766-00024	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.39	0.33	0.34	48
	00766-00025	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	N		BZ	0.39	0.36	0.38	48

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00766-00026	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.39	0.33	0.34	48
	00766-00027	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.39	0.33	0.34	48
	00766-00028	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.39	0.36	0.38	48
	00766-00029	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.39	0.33	0.34	48
	00766-00030	"Spacers Grouped: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.39	0.33	0.34	48
	00766-00031	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	N		GY	0.39	0.34	0.34	48
	00766-00032	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.39	0.31	0.31	48
	00766-00033	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.39	0.31	0.31	48
	00766-00034	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	N		GY	0.39	0.34	0.34	48
	00766-00035	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.39	0.31	0.31	48
	00766-00036	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.39	0.31	0.31	48
	00766-00037	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	N		GY	0.39	0.34	0.34	48
	00766-00038	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.39	0.31	0.31	48
	00766-00039	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.39	0.31	0.31	48
	00766-00040	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	N		GY	0.39	0.34	0.34	48
	00766-00041	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.39	0.31	0.31	48

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Initial Cert. Date: 09/26/2007

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Product Type: PRAW
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Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00766-00042	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.39	0.31	0.31	48
	00766-00043	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	N		GY	0.39	0.34	0.34	48
	00766-00044	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.39	0.31	0.31	48
	00766-00045	"Spacers Grouped: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.39	0.31	0.31	48
	00767-00001	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.40	62
	00767-00002	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.36	62
	00767-00003	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.36	62
	00767-00004	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.40	62
	00767-00005	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.36	62
	00767-00006	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.36	62
	00767-00007	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.40	62
	00767-00008	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.36	62
	00767-00009	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.36	62
	00767-00010	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.40	62
	00767-00011	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.36	62
	00767-00012	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.36	62

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00767-00013	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.18	0.40	62
	00767-00014	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.17	0.36	62
	00767-00015	"Spacers Grouped: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.17	0.36	62
	00767-00016	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	62
	00767-00017	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.27	62
	00767-00018	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.27	62
	00767-00019	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	62
	00767-00020	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.27	62
	00767-00021	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.27	62
	00767-00022	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	62
	00767-00023	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.27	62
	00767-00024	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.27	62
	00767-00025	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	62
	00767-00026	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.27	62
	00767-00027	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.27	62
	00767-00028	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.30	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00767-00029	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.27	62
	00767-00030	"Spacers Grouped: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.27	62
	00767-00031	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.18	0.27	62
	00767-00032	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.24	62
	00767-00033	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.24	62
	00767-00034	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.18	0.27	62
	00767-00035	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.24	62
	00767-00036	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.24	62
	00767-00037	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		GY	0.26	0.18	0.27	62
	00767-00038	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.24	62
	00767-00039	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.24	62
	00767-00040	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.18	0.27	62
	00767-00041	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.24	62
	00767-00042	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.24	62
	00767-00043	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.18	0.27	62
	00767-00044	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.24	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00767-00045	"Spacers Grouped: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.24	62
	00768-00001	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.39	49
	00768-00002	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.35	49
	00768-00003	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.35	49
	00768-00004	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.39	49
	00768-00005	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.35	49
	00768-00006	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.35	49
	00768-00007	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.39	49
	00768-00008	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.35	49
	00768-00009	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.35	49
	00768-00010	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.39	49
	00768-00011	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.35	49
	00768-00012	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.35	49
	00768-00013	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.18	0.39	49
	00768-00014	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.16	0.35	49
	00768-00015	"Spacers Grouped: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.16	0.35	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00769-00001	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.27	0.12	0.24	62
	00769-00002	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.12	0.22	62
	00769-00003	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.12	0.22	62
	00769-00004	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.27	0.12	0.24	62
	00769-00005	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.12	0.22	62
	00769-00006	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.12	0.22	62
	00769-00007	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.27	0.12	0.24	62
	00769-00008	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.12	0.22	62
	00769-00009	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.12	0.22	62
	00769-00010	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.27	0.12	0.24	62
	00769-00011	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.12	0.22	62
	00769-00012	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.12	0.22	62
	00769-00013	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.27	0.12	0.24	62
	00769-00014	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.12	0.22	62
	00769-00015	"Spacers Grouped: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.12	0.22	62
	00769-00016	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		BZ	0.27	0.21	0.18	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00769-00017	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.16	62
	00769-00018	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.16	62
	00769-00019	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		BZ	0.27	0.21	0.18	62
	00769-00020	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.16	62
	00769-00021	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.16	62
	00769-00022	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		BZ	0.27	0.21	0.18	62
	00769-00023	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.16	62
	00769-00024	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.16	62
	00769-00025	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		BZ	0.27	0.21	0.18	62
	00769-00026	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.16	62
	00769-00027	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.16	62
	00769-00028	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.27	0.21	0.18	62
	00769-00029	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.27	0.19	0.16	62
	00769-00030	"Spacers Grouped: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.27	0.19	0.16	62
	00769-00031	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		GY	0.27	0.19	0.16	62
	00769-00032	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	62

NFRC Product Certification Authorization Report

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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00769-00033	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	62
	00769-00034	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		GY	0.27	0.19	0.16	62
	00769-00035	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	62
	00769-00036	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	62
	00769-00037	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		GY	0.27	0.19	0.16	62
	00769-00038	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	62
	00769-00039	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	62
	00769-00040	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		GY	0.27	0.19	0.16	62
	00769-00041	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	62
	00769-00042	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	62
	00769-00043	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		GY	0.27	0.19	0.16	62
	00769-00044	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.27	0.18	0.15	62
	00769-00045	"Spacers Grouped: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.27	0.18	0.15	62
	00770-00001	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.24	0.12	0.24	49
	00770-00002	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	49
	00770-00003	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00770-00004	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.24	0.12	0.24	49
	00770-00005	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	49
	00770-00006	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	49
	00770-00007	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.24	0.12	0.24	49
	00770-00008	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	49
	00770-00009	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	49
	00770-00010	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.24	0.12	0.24	49
	00770-00011	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	49
	00770-00012	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	49
	00770-00013	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.24	0.12	0.24	49
	00770-00014	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	49
	00770-00015	"Spacers Grouped: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	49
	00771-00001	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	62
	00771-00002	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.29	62
	00771-00003	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.29	62
	00771-00004	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00771-00005	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.29	62
	00771-00006	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.29	62
	00771-00007	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	62
	00771-00008	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.29	62
	00771-00009	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.29	62
	00771-00010	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	62
	00771-00011	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.29	62
	00771-00012	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.29	62
	00771-00013	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.26	0.15	0.33	62
	00771-00014	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.26	0.14	0.29	62
	00771-00015	"Spacers Grouped: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.26	0.14	0.29	62
	00771-00016	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.24	62
	00771-00017	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.22	62
	00771-00018	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.22	62
	00771-00019	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.24	62
	00771-00020	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.22	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00771-00021	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.22	62
	00771-00022	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.24	62
	00771-00023	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.22	62
	00771-00024	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.22	62
	00771-00025	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.24	62
	00771-00026	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.22	62
	00771-00027	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.22	62
	00771-00028	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		BZ	0.26	0.20	0.24	62
	00771-00029	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.22	62
	00771-00030	"Spacers Grouped: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.22	62
	00771-00031	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.22	62
	00771-00032	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.20	62
	00771-00033	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.20	62
	00771-00034	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.22	62
	00771-00035	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.20	62
	00771-00036	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.20	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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Product Type: PRAW
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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00771-00037	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.22	62
	00771-00038	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.20	62
	00771-00039	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.20	62
	00771-00040	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.22	62
	00771-00041	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.20	62
	00771-00042	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.20	62
	00771-00043	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	N		GY	0.26	0.19	0.22	62
	00771-00044	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	GY	0.26	0.17	0.20	62
	00771-00045	"Spacers Grouped: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	GY	0.26	0.17	0.20	62
	00772-00001	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.15	0.32	49
	00772-00002	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	49
	00772-00003	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	49
	00772-00004	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	N		CL	0.23	0.15	0.32	49
	00772-00005	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	49
	00772-00006	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	49
	00772-00007	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	N		CL	0.23	0.15	0.32	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00772-00008	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	49
	00772-00009	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	49
	00772-00010	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.15	0.32	49
	00772-00011	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	49
	00772-00012	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	49
	00772-00013	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	N		CL	0.23	0.15	0.32	49
	00772-00014	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.23	0.13	0.29	49
	00772-00015	"Spacers Grouped: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.23	0.13	0.29	49
	00773-00001	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	CU-D	Fill 1: ARG(93/7)	N		CL	0.27	0.41	0.49	61
	00773-00002	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.37	0.45	61
	00773-00003	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.37	0.45	61
	00773-00004	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SU-D	Fill 1: ARG(93/7)	N		CL	0.27	0.41	0.49	61
	00773-00005	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.37	0.45	61
	00773-00006	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.37	0.45	61
	00773-00007	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SS-D	Fill 1: ARG(93/7)	N		CL	0.27	0.41	0.49	61
	00773-00008	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.37	0.45	61

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00773-00009	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.37	0.45	61
	00773-00010	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	OF-S	Fill 1: ARG(93/7)	N		CL	0.27	0.41	0.49	61
	00773-00011	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.37	0.45	61
	00773-00012	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.37	0.45	61
	00773-00013	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	ZF-S	Fill 1: ARG(93/7)	N		CL	0.27	0.41	0.49	61
	00773-00014	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.37	0.45	61
	00773-00015	"Spacers Grouped: E180 / arg93 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.37	0.45	61
	00774-00001	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: ARG(93/7)	N		CL	0.27	0.40	0.49	60
	00774-00002	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.36	0.44	60
	00774-00003	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.36	0.44	60
	00774-00004	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: ARG(93/7)	N		CL	0.27	0.40	0.49	60
	00774-00005	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.36	0.44	60
	00774-00006	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.36	0.44	60
	00774-00007	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: ARG(93/7)	N		CL	0.27	0.40	0.49	60
	00774-00008	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.36	0.44	60
	00774-00009	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.36	0.44	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00774-00010	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: ARG(93/7)	N		CL	0.27	0.40	0.49	60
	00774-00011	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.36	0.44	60
	00774-00012	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.36	0.44	60
	00774-00013	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: ARG(93/7)	N		CL	0.27	0.40	0.49	60
	00774-00014	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.27	0.36	0.44	60
	00774-00015	"Spacers Grouped: E180 / arg93 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.27	0.36	0.44	60
	00775-00001	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	CU-D	Fill 1: ARG(93/7)	N		CL	0.24	0.41	0.50	47
	00775-00002	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.38	0.45	47
	00775-00003	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.38	0.45	47
	00775-00004	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SU-D	Fill 1: ARG(93/7)	N		CL	0.24	0.41	0.50	47
	00775-00005	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.38	0.45	47
	00775-00006	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.38	0.45	47
	00775-00007	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SS-D	Fill 1: ARG(93/7)	N		CL	0.24	0.41	0.50	47
	00775-00008	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.38	0.45	47
	00775-00009	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.38	0.45	47
	00775-00010	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	OF-S	Fill 1: ARG(93/7)	N		CL	0.24	0.41	0.50	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00775-00011	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.38	0.45	47
	00775-00012	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.38	0.45	47
	00775-00013	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	ZF-S	Fill 1: ARG(93/7)	N		CL	0.24	0.41	0.50	47
	00775-00014	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.38	0.45	47
	00775-00015	"Spacers Grouped: E180 / arg93 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.38	0.45	47
	00776-00001	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	N		CL	0.24	0.41	0.50	46
	00776-00002	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.37	0.45	46
	00776-00003	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.37	0.45	46
	00776-00004	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	N		CL	0.24	0.41	0.50	46
	00776-00005	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.37	0.45	46
	00776-00006	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.37	0.45	46
	00776-00007	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	N		CL	0.24	0.41	0.50	46
	00776-00008	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.37	0.45	46
	00776-00009	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.37	0.45	46
	00776-00010	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	N		CL	0.24	0.41	0.50	46
	00776-00011	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.37	0.45	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00776-00012	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.37	0.45	46
	00776-00013	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	N		CL	0.24	0.41	0.50	46
	00776-00014	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	G	0.75	CL	0.24	0.37	0.45	46
	00776-00015	"Spacers Grouped: E180 / arg93 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG(93/7)	S	0.75	CL	0.24	0.37	0.45	46
	00777-00001	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY(80/20)	N		CL	0.40	0.50	0.53	46
	00777-00002	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.40	0.46	0.48	46
	00777-00003	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.40	0.46	0.48	46
	00777-00004	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY(80/20)	N		CL	0.40	0.50	0.53	46
	00777-00005	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.40	0.46	0.48	46
	00777-00006	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.40	0.46	0.48	46
	00777-00007	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY(80/20)	N		CL	0.40	0.50	0.53	46
	00777-00008	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.40	0.46	0.48	46
	00777-00009	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.40	0.46	0.48	46
	00777-00010	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY(80/20)	N		CL	0.40	0.50	0.53	46
	00777-00011	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.40	0.46	0.48	46
	00777-00012	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.40	0.46	0.48	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00777-00013	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY(80/20)	N		CL	0.40	0.50	0.53	46
	00777-00014	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.40	0.46	0.48	46
	00777-00015	"Spacers Grouped: clr / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.40	0.46	0.48	46
	00777-00016	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY(80/20)	N		BZ	0.40	0.41	0.39	46
	00777-00017	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.40	0.37	0.35	46
	00777-00018	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.40	0.37	0.35	46
	00777-00019	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY(80/20)	N		BZ	0.40	0.41	0.39	46
	00777-00020	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.40	0.37	0.35	46
	00777-00021	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.40	0.37	0.35	46
	00777-00022	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY(80/20)	N		BZ	0.40	0.41	0.39	46
	00777-00023	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.40	0.37	0.35	46
	00777-00024	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.40	0.37	0.35	46
	00777-00025	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY(80/20)	N		BZ	0.40	0.41	0.39	46
	00777-00026	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.40	0.37	0.35	46
	00777-00027	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.40	0.37	0.35	46
	00777-00028	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.40	0.41	0.39	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00777-00029	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.40	0.37	0.35	46
	00777-00030	"Spacers Grouped: bronze / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.40	0.37	0.35	46
	00777-00031	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY(80/20)	N		GY	0.40	0.38	0.35	46
	00777-00032	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.40	0.34	0.32	46
	00777-00033	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.40	0.34	0.32	46
	00777-00034	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY(80/20)	N		GY	0.40	0.38	0.35	46
	00777-00035	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.40	0.34	0.32	46
	00777-00036	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.40	0.34	0.32	46
	00777-00037	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY(80/20)	N		GY	0.40	0.38	0.35	46
	00777-00038	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.40	0.34	0.32	46
	00777-00039	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.40	0.34	0.32	46
	00777-00040	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY(80/20)	N		GY	0.40	0.38	0.35	46
	00777-00041	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.40	0.34	0.32	46
	00777-00042	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.40	0.34	0.32	46
	00777-00043	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY(80/20)	N		GY	0.40	0.38	0.35	46
	00777-00044	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.40	0.34	0.32	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00777-00045	"Spacers Grouped: gray / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.40	0.34	0.32	46
	00778-00001	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.42	59
	00778-00002	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.37	59
	00778-00003	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.37	59
	00778-00004	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.42	59
	00778-00005	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.37	59
	00778-00006	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.37	59
	00778-00007	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.42	59
	00778-00008	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.37	59
	00778-00009	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.37	59
	00778-00010	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.42	59
	00778-00011	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.37	59
	00778-00012	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.37	59
	00778-00013	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.42	59
	00778-00014	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.37	59
	00778-00015	"Spacers Grouped: E366 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.37	59

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00778-00016	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.31	59
	00778-00017	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.28	59
	00778-00018	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.28	59
	00778-00019	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.31	59
	00778-00020	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.28	59
	00778-00021	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.28	59
	00778-00022	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.31	59
	00778-00023	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.28	59
	00778-00024	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.28	59
	00778-00025	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.31	59
	00778-00026	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.28	59
	00778-00027	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.28	59
	00778-00028	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.31	59
	00778-00029	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.28	59
	00778-00030	"Spacers Grouped: bronze / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.28	59
	00778-00031	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.28	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00778-00032	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.25	59
	00778-00033	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.25	59
	00778-00034	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.28	59
	00778-00035	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.25	59
	00778-00036	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.25	59
	00778-00037	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.28	59
	00778-00038	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.25	59
	00778-00039	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.25	59
	00778-00040	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.28	59
	00778-00041	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.25	59
	00778-00042	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.25	59
	00778-00043	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.28	59
	00778-00044	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.25	59
	00778-00045	"Spacers Grouped: gray / kry80 / E366 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.25	59
	00779-00001	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.18	0.41	47
	00779-00002	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.37	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00779-00003	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.37	47
	00779-00004	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.18	0.41	47
	00779-00005	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.37	47
	00779-00006	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.37	47
	00779-00007	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	N		CL	0.23	0.18	0.41	47
	00779-00008	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.37	47
	00779-00009	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.37	47
	00779-00010	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.18	0.41	47
	00779-00011	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.37	47
	00779-00012	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.37	47
	00779-00013	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.18	0.41	47
	00779-00014	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.37	47
	00779-00015	"Spacers Grouped: E366 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.37	47
	00780-00001	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.25	58
	00780-00002	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	58
	00780-00003	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00780-00004	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.25	58
	00780-00005	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	58
	00780-00006	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	58
	00780-00007	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.25	58
	00780-00008	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	58
	00780-00009	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	58
	00780-00010	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.25	58
	00780-00011	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	58
	00780-00012	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	58
	00780-00013	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.25	58
	00780-00014	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	58
	00780-00015	"Spacers Grouped: E340 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	58
	00780-00016	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.22	0.18	58
	00780-00017	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.20	0.16	58
	00780-00018	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.20	0.16	58
	00780-00019	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.22	0.18	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00780-00020	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.20	0.16	58
	00780-00021	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.20	0.16	58
	00780-00022	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.22	0.18	58
	00780-00023	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.20	0.16	58
	00780-00024	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.20	0.16	58
	00780-00025	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.22	0.18	58
	00780-00026	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.20	0.16	58
	00780-00027	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.20	0.16	58
	00780-00028	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.22	0.18	58
	00780-00029	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.20	0.16	58
	00780-00030	"Spacers Grouped: bronze / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.20	0.16	58
	00780-00031	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.17	58
	00780-00032	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.19	0.15	58
	00780-00033	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.19	0.15	58
	00780-00034	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.17	58
	00780-00035	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.19	0.15	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00780-00036	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.19	0.15	58
	00780-00037	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.17	58
	00780-00038	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.19	0.15	58
	00780-00039	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.19	0.15	58
	00780-00040	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.17	58
	00780-00041	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.19	0.15	58
	00780-00042	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.19	0.15	58
	00780-00043	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.17	58
	00780-00044	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.19	0.15	58
	00780-00045	"Spacers Grouped: gray / kry80 / E340 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.19	0.15	58
	00781-00001	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.11	0.24	46
	00781-00002	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.11	0.22	46
	00781-00003	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.11	0.22	46
	00781-00004	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.11	0.24	46
	00781-00005	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.11	0.22	46
	00781-00006	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.11	0.22	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00781-00007	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	N		CL	0.23	0.11	0.24	46
	00781-00008	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.11	0.22	46
	00781-00009	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.11	0.22	46
	00781-00010	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.11	0.24	46
	00781-00011	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.11	0.22	46
	00781-00012	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.11	0.22	46
	00781-00013	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.11	0.24	46
	00781-00014	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.11	0.22	46
	00781-00015	"Spacers Grouped: E340 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.11	0.22	46
	00782-00001	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.34	59
	00782-00002	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.13	0.30	59
	00782-00003	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.13	0.30	59
	00782-00004	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.34	59
	00782-00005	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.13	0.30	59
	00782-00006	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.13	0.30	59
	00782-00007	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.34	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00782-00008	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.13	0.30	59
	00782-00009	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.13	0.30	59
	00782-00010	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.34	59
	00782-00011	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.13	0.30	59
	00782-00012	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.13	0.30	59
	00782-00013	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.34	59
	00782-00014	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.13	0.30	59
	00782-00015	"Spacers Grouped: E452 / kry80 / clr (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.13	0.30	59
	00782-00016	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.25	59
	00782-00017	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.22	59
	00782-00018	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.22	59
	00782-00019	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.25	59
	00782-00020	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.22	59
	00782-00021	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.22	59
	00782-00022	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.25	59
	00782-00023	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.22	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00782-00024	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.22	59
	00782-00025	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.25	59
	00782-00026	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.22	59
	00782-00027	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.22	59
	00782-00028	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.25	59
	00782-00029	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.22	59
	00782-00030	"Spacers Grouped: bronze / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.22	59
	00782-00031	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.22	59
	00782-00032	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.20	59
	00782-00033	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.20	59
	00782-00034	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.22	59
	00782-00035	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.20	59
	00782-00036	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.20	59
	00782-00037	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.22	59
	00782-00038	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.20	59
	00782-00039	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.20	59

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00782-00040	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.22	59
	00782-00041	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.20	59
	00782-00042	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.20	59
	00782-00043	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.22	59
	00782-00044	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.20	59
	00782-00045	"Spacers Grouped: gray / kry80 / E452 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.20	59
	00783-00001	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.33	47
	00783-00002	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	47
	00783-00003	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	47
	00783-00004	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.33	47
	00783-00005	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	47
	00783-00006	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	47
	00783-00007	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.33	47
	00783-00008	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	47
	00783-00009	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	47
	00783-00010	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.33	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00783-00011	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	47
	00783-00012	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	47
	00783-00013	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.33	47
	00783-00014	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	47
	00783-00015	"Spacers Grouped: E452 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	47
	00784-00001	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY(80/20)	N		CL	0.39	0.49	0.52	48
	00784-00002	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY(80/20)	N		CL	0.39	0.49	0.52	48
	00784-00003	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY(80/20)	N		CL	0.39	0.49	0.52	48
	00784-00004	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY(80/20)	N		CL	0.39	0.49	0.52	48
	00784-00005	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY(80/20)	N		CL	0.39	0.49	0.52	48
	00784-00006	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY(80/20)	N		BZ	0.39	0.39	0.38	48
	00784-00007	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY(80/20)	N		BZ	0.39	0.39	0.38	48
	00784-00008	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY(80/20)	N		BZ	0.39	0.39	0.38	48
	00784-00009	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY(80/20)	N		BZ	0.39	0.39	0.38	48
	00784-00010	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.39	0.39	0.38	48
	00784-00011	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY(80/20)	N		GY	0.39	0.37	0.34	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00784-00012	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY(80/20)	N		GY	0.39	0.37	0.34	48
	00784-00013	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY(80/20)	N		GY	0.39	0.37	0.34	48
	00784-00014	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY(80/20)	N		GY	0.39	0.37	0.34	48
	00784-00015	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY(80/20)	N		GY	0.39	0.37	0.34	48
	00785-00001	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.44	0.47	48
	00785-00002	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.44	0.47	48
	00785-00003	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.44	0.47	48
	00785-00004	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.44	0.47	48
	00785-00005	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.44	0.47	48
	00785-00006	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.44	0.47	48
	00785-00007	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.44	0.47	48
	00785-00008	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.44	0.47	48
	00785-00009	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.44	0.47	48
	00785-00010	"Spacers Grouped: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.44	0.47	48
	00785-00011	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.36	0.34	48
	00785-00012	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.36	0.34	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00785-00013	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.36	0.34	48
	00785-00014	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.36	0.34	48
	00785-00015	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.36	0.34	48
	00785-00016	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.36	0.34	48
	00785-00017	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.36	0.34	48
	00785-00018	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.36	0.34	48
	00785-00019	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.36	0.34	48
	00785-00020	"Spacers Grouped: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.36	0.34	48
	00785-00021	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.33	0.31	48
	00785-00022	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.33	0.31	48
	00785-00023	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.33	0.31	48
	00785-00024	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.33	0.31	48
	00785-00025	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.33	0.31	48
	00785-00026	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.33	0.31	48
	00785-00027	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.33	0.31	48
	00785-00028	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.33	0.31	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00785-00029	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.33	0.31	48
	00785-00030	"Spacers Grouped: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.33	0.31	48
	00786-00001	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.41	58
	00786-00002	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.41	58
	00786-00003	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.41	58
	00786-00004	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.41	58
	00786-00005	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.41	58
	00786-00006	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.30	58
	00786-00007	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.30	58
	00786-00008	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.30	58
	00786-00009	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.30	58
	00786-00010	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.30	58
	00786-00011	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.27	58
	00786-00012	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.27	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00786-00013	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.27	58
	00786-00014	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.27	58
	00786-00015	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.27	58
	00787-00001	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.37	58
	00787-00002	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.37	58
	00787-00003	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.37	58
	00787-00004	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.37	58
	00787-00005	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.37	58
	00787-00006	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.37	58
	00787-00007	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.37	58
	00787-00008	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.37	58
	00787-00009	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.37	58
	00787-00010	"Spacers Grouped: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.37	58
	00787-00011	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	58
	00787-00012	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00787-00013	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	58
	00787-00014	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	58
	00787-00015	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	58
	00787-00016	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	58
	00787-00017	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	58
	00787-00018	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	58
	00787-00019	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	58
	00787-00020	"Spacers Grouped: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	58
	00787-00021	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	58
	00787-00022	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	58
	00787-00023	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	58
	00787-00024	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	58
	00787-00025	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00787-00026	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	58
	00787-00027	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	58
	00787-00028	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	58
	00787-00029	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	58
	00787-00030	"Spacers Grouped: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	58
	00788-00001	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.17	0.40	46
	00788-00002	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.17	0.40	46
	00788-00003	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: KRY(80/20)	N		CL	0.23	0.17	0.40	46
	00788-00004	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.17	0.40	46
	00788-00005	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.17	0.40	46
	00789-00001	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.36	46
	00789-00002	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.36	46
	00789-00003	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.36	46
	00789-00004	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.36	46
	00789-00005	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.36	46
	00789-00006	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.36	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00789-00007	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.36	46
	00789-00008	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.36	46
	00789-00009	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.36	46
	00789-00010	"Spacers Grouped: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.36	46
	00790-00001	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	58
	00790-00002	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	58
	00790-00003	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	58
	00790-00004	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	58
	00790-00005	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	58
	00790-00006	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.22	0.18	58
	00790-00007	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.22	0.18	58
	00790-00008	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.22	0.18	58
	00790-00009	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.22	0.18	58
	00790-00010	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.22	0.18	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
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Simulation Lab: SATI
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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00790-00011	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.16	58
	00790-00012	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.16	58
	00790-00013	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.16	58
	00790-00014	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.16	58
	00790-00015	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.16	58
	00791-00001	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	58
	00791-00002	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	58
	00791-00003	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	58
	00791-00004	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	58
	00791-00005	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	58
	00791-00006	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	58
	00791-00007	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	58
	00791-00008	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	58
	00791-00009	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	58
	00791-00010	"Spacers Grouped: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	58
	00791-00011	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.20	0.16	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00791-00012	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.20	0.16	58
	00791-00013	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.20	0.16	58
	00791-00014	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.20	0.16	58
	00791-00015	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.20	0.16	58
	00791-00016	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.20	0.16	58
	00791-00017	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.20	0.16	58
	00791-00018	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.20	0.16	58
	00791-00019	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.20	0.16	58
	00791-00020	"Spacers Grouped: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.20	0.16	58
	00791-00021	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	58
	00791-00022	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	58
	00791-00023	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00791-00024	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	58
	00791-00025	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	58
	00791-00026	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	58
	00791-00027	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	58
	00791-00028	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	58
	00791-00029	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	58
	00791-00030	"Spacers Grouped: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	58
	00792-00001	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.11	0.24	46
	00792-00002	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.11	0.24	46
	00792-00003	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: KRY(80/20)	N		CL	0.23	0.11	0.24	46
	00792-00004	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.11	0.24	46
	00792-00005	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.11	0.24	46
	00793-00001	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.11	0.21	46
	00793-00002	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.11	0.21	46
	00793-00003	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.11	0.21	46
	00793-00004	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.11	0.21	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00793-00005	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.11	0.21	46
	00793-00006	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.11	0.21	46
	00793-00007	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.11	0.21	46
	00793-00008	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.11	0.21	46
	00793-00009	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.11	0.21	46
	00793-00010	"Spacers Grouped: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.11	0.21	46
	00794-00001	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.14	0.33	59
	00794-00002	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.14	0.33	59
	00794-00003	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.14	0.33	59
	00794-00004	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.14	0.33	59
	00794-00005	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.14	0.33	59
	00794-00006	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.24	59
	00794-00007	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.24	59
	00794-00008	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.24	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00794-00009	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.24	59
	00794-00010	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.24	59
	00794-00011	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.22	59
	00794-00012	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.22	59
	00794-00013	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.22	59
	00794-00014	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.22	59
	00794-00015	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.20	0.22	59
	00795-00001	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.13	0.30	58
	00795-00002	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.13	0.30	58
	00795-00003	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.13	0.30	58
	00795-00004	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.13	0.30	58
	00795-00005	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.13	0.30	58
	00795-00006	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.13	0.30	58
	00795-00007	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.13	0.30	58
	00795-00008	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.13	0.30	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00795-00009	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.13	0.30	58
	00795-00010	"Spacers Grouped: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.13	0.30	58
	00795-00011	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.22	58
	00795-00012	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.22	58
	00795-00013	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.22	58
	00795-00014	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.22	58
	00795-00015	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.22	58
	00795-00016	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.22	58
	00795-00017	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.22	58
	00795-00018	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.22	58
	00795-00019	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.22	58
	00795-00020	"Spacers Grouped: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.22	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00795-00021	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.20	58
	00795-00022	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.20	58
	00795-00023	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.20	58
	00795-00024	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.20	58
	00795-00025	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.20	58
	00795-00026	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.20	58
	00795-00027	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.20	58
	00795-00028	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.20	58
	00795-00029	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.20	58
	00795-00030	"Spacers Grouped: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.20	58
	00796-00001	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	46
	00796-00002	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	46
	00796-00003	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	46
	00796-00004	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	46
	00796-00005	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	46
	00797-00001	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00797-00002	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	46
	00797-00003	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	46
	00797-00004	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	46
	00797-00005	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	46
	00797-00006	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	46
	00797-00007	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	46
	00797-00008	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	46
	00797-00009	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	46
	00797-00010	"Spacers Grouped: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	46
	00798-00001	"Spacers Grouped: lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.39	0.44	0.51	48
	00798-00002	"Spacers Grouped: lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.40	0.46	48
	00798-00003	"Spacers Grouped: lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.40	0.46	48
	00798-00004	"Spacers Grouped: lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.39	0.44	0.51	48
	00798-00005	"Spacers Grouped: lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.40	0.46	48
	00798-00006	"Spacers Grouped: lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.40	0.46	48
	00798-00007	"Spacers Grouped: lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.39	0.44	0.51	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Test Date: 07/16/2024
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00798-00008	"Spacers Grouped: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.40	0.46	48
	00798-00009	"Spacers Grouped: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.40	0.46	48
	00798-00010	"Spacers Grouped: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.39	0.44	0.51	48
	00798-00011	"Spacers Grouped: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.40	0.46	48
	00798-00012	"Spacers Grouped: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.40	0.46	48
	00798-00013	"Spacers Grouped: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.39	0.44	0.51	48
	00798-00014	"Spacers Grouped: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.40	0.46	48
	00798-00015	"Spacers Grouped: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.40	0.46	48
	00798-00016	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	N		BZ	0.39	0.36	0.38	48
	00798-00017	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.33	0.34	48
	00798-00018	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.33	0.34	48
	00798-00019	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	N		BZ	0.39	0.36	0.38	48
	00798-00020	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.33	0.34	48
	00798-00021	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.33	0.34	48
	00798-00022	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	N		BZ	0.39	0.36	0.38	48
	00798-00023	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.33	0.34	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00798-00024	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.33	0.34	48
	00798-00025	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	N		BZ	0.39	0.36	0.38	48
	00798-00026	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.33	0.34	48
	00798-00027	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.33	0.34	48
	00798-00028	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.39	0.36	0.38	48
	00798-00029	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.33	0.34	48
	00798-00030	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.33	0.34	48
	00798-00031	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	N		GY	0.39	0.34	0.34	48
	00798-00032	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.30	0.31	48
	00798-00033	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.30	0.31	48
	00798-00034	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	N		GY	0.39	0.34	0.34	48
	00798-00035	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.30	0.31	48
	00798-00036	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.30	0.31	48
	00798-00037	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	N		GY	0.39	0.34	0.34	48
	00798-00038	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.30	0.31	48
	00798-00039	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.30	0.31	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00798-00040	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	N		GY	0.39	0.34	0.34	48
	00798-00041	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.30	0.31	48
	00798-00042	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.30	0.31	48
	00798-00043	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	N		GY	0.39	0.34	0.34	48
	00798-00044	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.30	0.31	48
	00798-00045	"Spacers Grouped: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.30	0.31	48
	00799-00001	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.41	60
	00799-00002	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.17	0.37	60
	00799-00003	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.17	0.37	60
	00799-00004	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.41	60
	00799-00005	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.17	0.37	60
	00799-00006	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.17	0.37	60
	00799-00007	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.41	60
	00799-00008	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.17	0.37	60
	00799-00009	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.17	0.37	60
	00799-00010	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.41	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00799-00011	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.17	0.37	60
	00799-00012	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.17	0.37	60
	00799-00013	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.41	60
	00799-00014	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.17	0.37	60
	00799-00015	"Spacers Grouped: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.17	0.37	60
	00799-00016	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.19	0.30	60
	00799-00017	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	60
	00799-00018	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	60
	00799-00019	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.19	0.30	60
	00799-00020	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	60
	00799-00021	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	60
	00799-00022	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.19	0.30	60
	00799-00023	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	60
	00799-00024	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	60
	00799-00025	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.19	0.30	60
	00799-00026	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00799-00027	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	60
	00799-00028	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.19	0.30	60
	00799-00029	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	60
	00799-00030	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	60
	00799-00031	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.18	0.27	60
	00799-00032	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	60
	00799-00033	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	60
	00799-00034	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.18	0.27	60
	00799-00035	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	60
	00799-00036	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	60
	00799-00037	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.18	0.27	60
	00799-00038	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	60
	00799-00039	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	60
	00799-00040	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.18	0.27	60
	00799-00041	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	60
	00799-00042	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00799-00043	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.18	0.27	60
	00799-00044	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	60
	00799-00045	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	60
	00800-00001	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.18	0.40	48
	00800-00002	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.36	48
	00800-00003	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.36	48
	00800-00004	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.18	0.40	48
	00800-00005	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.36	48
	00800-00006	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.36	48
	00800-00007	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.23	0.18	0.40	48
	00800-00008	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.36	48
	00800-00009	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.36	48
	00800-00010	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.18	0.40	48
	00800-00011	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.36	48
	00800-00012	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.36	48
	00800-00013	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.18	0.40	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00800-00014	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.36	48
	00800-00015	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.36	48
	00801-00001	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	60
	00801-00002	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.12	0.22	60
	00801-00003	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.12	0.22	60
	00801-00004	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	60
	00801-00005	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.12	0.22	60
	00801-00006	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.12	0.22	60
	00801-00007	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	60
	00801-00008	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.12	0.22	60
	00801-00009	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.12	0.22	60
	00801-00010	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	60
	00801-00011	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.12	0.22	60
	00801-00012	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.12	0.22	60
	00801-00013	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	60
	00801-00014	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.12	0.22	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00801-00015	"Spacers Grouped: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.12	0.22	60
	00801-00016	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.18	60
	00801-00017	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.16	60
	00801-00018	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.16	60
	00801-00019	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.18	60
	00801-00020	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.16	60
	00801-00021	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.16	60
	00801-00022	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.18	60
	00801-00023	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.16	60
	00801-00024	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.16	60
	00801-00025	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.18	60
	00801-00026	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.16	60
	00801-00027	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.16	60
	00801-00028	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.18	60
	00801-00029	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.16	60
	00801-00030	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.16	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00801-00031	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.16	60
	00801-00032	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	60
	00801-00033	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	60
	00801-00034	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.16	60
	00801-00035	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	60
	00801-00036	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	60
	00801-00037	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.16	60
	00801-00038	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	60
	00801-00039	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	60
	00801-00040	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.16	60
	00801-00041	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	60
	00801-00042	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	60
	00801-00043	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.16	60
	00801-00044	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	60
	00801-00045	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	60
	00802-00001	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.24	0.12	0.24	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00802-00002	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.11	0.21	48
	00802-00003	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.11	0.21	48
	00802-00004	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.24	0.12	0.24	48
	00802-00005	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.11	0.21	48
	00802-00006	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.11	0.21	48
	00802-00007	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.24	0.12	0.24	48
	00802-00008	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.11	0.21	48
	00802-00009	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.11	0.21	48
	00802-00010	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.24	0.12	0.24	48
	00802-00011	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.11	0.21	48
	00802-00012	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.11	0.21	48
	00802-00013	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.24	0.12	0.24	48
	00802-00014	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.11	0.21	48
	00802-00015	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.11	0.21	48
	00803-00001	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.33	60
	00803-00002	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.14	0.30	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00803-00003	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.14	0.30	60
	00803-00004	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.33	60
	00803-00005	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.14	0.30	60
	00803-00006	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.14	0.30	60
	00803-00007	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.33	60
	00803-00008	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.14	0.30	60
	00803-00009	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.14	0.30	60
	00803-00010	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.33	60
	00803-00011	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.14	0.30	60
	00803-00012	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.14	0.30	60
	00803-00013	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.33	60
	00803-00014	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.14	0.30	60
	00803-00015	"Spacers Grouped: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.14	0.30	60
	00803-00016	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.24	60
	00803-00017	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.22	60
	00803-00018	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.22	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00803-00019	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.24	60
	00803-00020	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.22	60
	00803-00021	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.22	60
	00803-00022	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.24	60
	00803-00023	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.22	60
	00803-00024	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.22	60
	00803-00025	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.24	60
	00803-00026	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.22	60
	00803-00027	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.22	60
	00803-00028	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.24	60
	00803-00029	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.22	60
	00803-00030	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.22	60
	00803-00031	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.22	60
	00803-00032	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.20	60
	00803-00033	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.20	60
	00803-00034	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.22	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00803-00035	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.20	60
	00803-00036	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.20	60
	00803-00037	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.22	60
	00803-00038	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.20	60
	00803-00039	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.20	60
	00803-00040	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.22	60
	00803-00041	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.20	60
	00803-00042	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.20	60
	00803-00043	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.22	60
	00803-00044	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.20	60
	00803-00045	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.20	60
	00804-00001	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	48
	00804-00002	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	48
	00804-00003	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	48
	00804-00004	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	48
	00804-00005	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00804-00006	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	48
	00804-00007	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	48
	00804-00008	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	48
	00804-00009	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	48
	00804-00010	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	48
	00804-00011	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	48
	00804-00012	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	48
	00804-00013	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	48
	00804-00014	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	48
	00804-00015	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	48
	00805-00001	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.39	0.43	0.50	48
	00805-00002	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.39	0.45	48
	00805-00003	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.39	0.45	48
	00805-00004	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.39	0.43	0.50	48
	00805-00005	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.39	0.45	48
	00805-00006	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.39	0.45	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00805-00007	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.39	0.43	0.50	48
	00805-00008	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.39	0.45	48
	00805-00009	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.39	0.45	48
	00805-00010	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.39	0.43	0.50	48
	00805-00011	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.39	0.45	48
	00805-00012	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.39	0.45	48
	00805-00013	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.39	0.43	0.50	48
	00805-00014	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.39	0.39	0.45	48
	00805-00015	"Spacers Grouped: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.39	0.39	0.45	48
	00805-00016	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	N		BZ	0.39	0.36	0.38	48
	00805-00017	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.33	0.34	48
	00805-00018	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.33	0.34	48
	00805-00019	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	N		BZ	0.39	0.36	0.38	48
	00805-00020	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.33	0.34	48
	00805-00021	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.33	0.34	48
	00805-00022	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	N		BZ	0.39	0.36	0.38	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00805-00023	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.33	0.34	48
	00805-00024	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.33	0.34	48
	00805-00025	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	N		BZ	0.39	0.36	0.38	48
	00805-00026	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.33	0.34	48
	00805-00027	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.33	0.34	48
	00805-00028	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.39	0.36	0.38	48
	00805-00029	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.39	0.33	0.34	48
	00805-00030	"Spacers Grouped: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.39	0.33	0.34	48
	00805-00031	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	N		GY	0.39	0.34	0.34	48
	00805-00032	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.30	0.31	48
	00805-00033	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.30	0.31	48
	00805-00034	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	N		GY	0.39	0.34	0.34	48
	00805-00035	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.30	0.31	48
	00805-00036	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.30	0.31	48
	00805-00037	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	N		GY	0.39	0.34	0.34	48
	00805-00038	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.30	0.31	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00805-00039	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.30	0.31	48
	00805-00040	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	N		GY	0.39	0.34	0.34	48
	00805-00041	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.30	0.31	48
	00805-00042	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.30	0.31	48
	00805-00043	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	N		GY	0.39	0.34	0.34	48
	00805-00044	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.39	0.30	0.31	48
	00805-00045	"Spacers Grouped: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2		0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.39	0.30	0.31	48
	00806-00001	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.40	60
	00806-00002	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.36	60
	00806-00003	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.36	60
	00806-00004	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.40	60
	00806-00005	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.36	60
	00806-00006	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.36	60
	00806-00007	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.40	60
	00806-00008	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.36	60
	00806-00009	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.36	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00806-00010	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.40	60
	00806-00011	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.36	60
	00806-00012	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.36	60
	00806-00013	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.18	0.40	60
	00806-00014	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.16	0.36	60
	00806-00015	"Spacers Grouped: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.16	0.36	60
	00806-00016	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.19	0.30	60
	00806-00017	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	60
	00806-00018	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	60
	00806-00019	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.19	0.30	60
	00806-00020	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	60
	00806-00021	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	60
	00806-00022	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.19	0.30	60
	00806-00023	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	60
	00806-00024	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	60
	00806-00025	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.19	0.30	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00806-00026	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	60
	00806-00027	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	60
	00806-00028	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.19	0.30	60
	00806-00029	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.27	60
	00806-00030	"Spacers Grouped: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.27	60
	00806-00031	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.18	0.27	60
	00806-00032	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	60
	00806-00033	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	60
	00806-00034	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.18	0.27	60
	00806-00035	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	60
	00806-00036	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	60
	00806-00037	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.18	0.27	60
	00806-00038	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	60
	00806-00039	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	60
	00806-00040	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.18	0.27	60
	00806-00041	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00806-00042	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	60
	00806-00043	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.18	0.27	60
	00806-00044	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.24	60
	00806-00045	"Spacers Grouped: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.24	60
	00807-00001	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.17	0.39	48
	00807-00002	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.35	48
	00807-00003	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.35	48
	00807-00004	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.17	0.39	48
	00807-00005	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.35	48
	00807-00006	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.35	48
	00807-00007	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.23	0.17	0.39	48
	00807-00008	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.35	48
	00807-00009	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.35	48
	00807-00010	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.17	0.39	48
	00807-00011	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.35	48
	00807-00012	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.35	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00807-00013	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.17	0.39	48
	00807-00014	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.16	0.35	48
	00807-00015	"Spacers Grouped: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.16	0.35	48
	00808-00001	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	60
	00808-00002	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	60
	00808-00003	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	60
	00808-00004	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	60
	00808-00005	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	60
	00808-00006	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	60
	00808-00007	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	60
	00808-00008	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	60
	00808-00009	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	60
	00808-00010	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	60
	00808-00011	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	60
	00808-00012	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	60
	00808-00013	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.12	0.24	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00808-00014	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.11	0.22	60
	00808-00015	"Spacers Grouped: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.11	0.22	60
	00808-00016	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.18	60
	00808-00017	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.16	60
	00808-00018	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.16	60
	00808-00019	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.18	60
	00808-00020	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.16	60
	00808-00021	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.16	60
	00808-00022	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.18	60
	00808-00023	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.16	60
	00808-00024	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.16	60
	00808-00025	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.18	60
	00808-00026	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.16	60
	00808-00027	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.16	60
	00808-00028	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.21	0.18	60
	00808-00029	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.19	0.16	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00808-00030	"Spacers Grouped: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.19	0.16	60
	00808-00031	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.16	60
	00808-00032	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	60
	00808-00033	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	60
	00808-00034	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.16	60
	00808-00035	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	60
	00808-00036	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	60
	00808-00037	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.16	60
	00808-00038	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	60
	00808-00039	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	60
	00808-00040	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.16	60
	00808-00041	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	60
	00808-00042	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	60
	00808-00043	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.16	60
	00808-00044	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.18	0.15	60
	00808-00045	"Spacers Grouped: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.18	0.15	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00809-00001	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.24	0.12	0.24	48
	00809-00002	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.11	0.21	48
	00809-00003	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.11	0.21	48
	00809-00004	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.24	0.12	0.24	48
	00809-00005	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.11	0.21	48
	00809-00006	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.11	0.21	48
	00809-00007	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.24	0.12	0.24	48
	00809-00008	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.11	0.21	48
	00809-00009	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.11	0.21	48
	00809-00010	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.24	0.12	0.24	48
	00809-00011	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.11	0.21	48
	00809-00012	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.11	0.21	48
	00809-00013	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.24	0.12	0.24	48
	00809-00014	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.11	0.21	48
	00809-00015	"Spacers Grouped: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.11	0.21	48
	00810-00001	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.33	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00810-00002	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.14	0.29	60
	00810-00003	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.14	0.29	60
	00810-00004	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.33	60
	00810-00005	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.14	0.29	60
	00810-00006	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.14	0.29	60
	00810-00007	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.33	60
	00810-00008	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.14	0.29	60
	00810-00009	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.14	0.29	60
	00810-00010	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.33	60
	00810-00011	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.14	0.29	60
	00810-00012	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.14	0.29	60
	00810-00013	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.26	0.15	0.33	60
	00810-00014	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.26	0.14	0.29	60
	00810-00015	"Spacers Grouped: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.26	0.14	0.29	60
	00810-00016	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.24	60
	00810-00017	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.22	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00810-00018	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.22	60
	00810-00019	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.24	60
	00810-00020	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.22	60
	00810-00021	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.22	60
	00810-00022	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.24	60
	00810-00023	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.22	60
	00810-00024	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.22	60
	00810-00025	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.24	60
	00810-00026	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.22	60
	00810-00027	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.22	60
	00810-00028	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		BZ	0.26	0.20	0.24	60
	00810-00029	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	BZ	0.26	0.18	0.22	60
	00810-00030	"Spacers Grouped: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	BZ	0.26	0.18	0.22	60
	00810-00031	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.22	60
	00810-00032	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.20	60
	00810-00033	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.20	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00810-00034	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.22	60
	00810-00035	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.20	60
	00810-00036	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.20	60
	00810-00037	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.22	60
	00810-00038	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.20	60
	00810-00039	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.20	60
	00810-00040	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.22	60
	00810-00041	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.20	60
	00810-00042	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.20	60
	00810-00043	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	N		GY	0.26	0.19	0.22	60
	00810-00044	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	GY	0.26	0.17	0.20	60
	00810-00045	"Spacers Grouped: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(3)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	GY	0.26	0.17	0.20	60
	00811-00001	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	48
	00811-00002	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	48
	00811-00003	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	48
	00811-00004	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00811-00005	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	48
	00811-00006	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	48
	00811-00007	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	48
	00811-00008	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	48
	00811-00009	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	48
	00811-00010	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	48
	00811-00011	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	48
	00811-00012	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	48
	00811-00013	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	N		CL	0.23	0.14	0.32	48
	00811-00014	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.23	0.13	0.29	48
	00811-00015	"Spacers Grouped: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.23	0.13	0.29	48
	00812-00001	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	CU-D	Fill 1: KRY(80/20)	N		CL	0.27	0.41	0.49	60
	00812-00002	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.27	0.37	0.45	60
	00812-00003	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.27	0.37	0.45	60
	00812-00004	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SU-D	Fill 1: KRY(80/20)	N		CL	0.27	0.41	0.49	60
	00812-00005	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.27	0.37	0.45	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00812-00006	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.27	0.37	0.45	60
	00812-00007	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SS-D	Fill 1: KRY(80/20)	N		CL	0.27	0.41	0.49	60
	00812-00008	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.27	0.37	0.45	60
	00812-00009	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.27	0.37	0.45	60
	00812-00010	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	OF-S	Fill 1: KRY(80/20)	N		CL	0.27	0.41	0.49	60
	00812-00011	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.27	0.37	0.45	60
	00812-00012	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.27	0.37	0.45	60
	00812-00013	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	ZF-S	Fill 1: KRY(80/20)	N		CL	0.27	0.41	0.49	60
	00812-00014	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.27	0.37	0.45	60
	00812-00015	"Spacers Grouped: E180 / kry80 / E180 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.27	0.37	0.45	60
	00813-00001	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: KRY(80/20)	N		CL	0.27	0.40	0.49	59
	00813-00002	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.27	0.36	0.44	59
	00813-00003	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.27	0.36	0.44	59
	00813-00004	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: KRY(80/20)	N		CL	0.27	0.40	0.49	59
	00813-00005	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.27	0.36	0.44	59
	00813-00006	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.27	0.36	0.44	59

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00813-00007	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: KRY(80/20)	N		CL	0.27	0.40	0.49	59
	00813-00008	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.27	0.36	0.44	59
	00813-00009	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.27	0.36	0.44	59
	00813-00010	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: KRY(80/20)	N		CL	0.27	0.40	0.49	59
	00813-00011	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.27	0.36	0.44	59
	00813-00012	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.27	0.36	0.44	59
	00813-00013	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: KRY(80/20)	N		CL	0.27	0.40	0.49	59
	00813-00014	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.27	0.36	0.44	59
	00813-00015	"Spacers Grouped: E180 / kry80 / E180 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.27	0.36	0.44	59
	00814-00001	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	CU-D	Fill 1: KRY(80/20)	N		CL	0.24	0.41	0.50	46
	00814-00002	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.38	0.45	46
	00814-00003	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.38	0.45	46
	00814-00004	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SU-D	Fill 1: KRY(80/20)	N		CL	0.24	0.41	0.50	46
	00814-00005	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.38	0.45	46
	00814-00006	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.38	0.45	46
	00814-00007	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SS-D	Fill 1: KRY(80/20)	N		CL	0.24	0.41	0.50	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00814-00008	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.38	0.45	46
	00814-00009	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.38	0.45	46
	00814-00010	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	OF-S	Fill 1: KRY(80/20)	N		CL	0.24	0.41	0.50	46
	00814-00011	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.38	0.45	46
	00814-00012	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.38	0.45	46
	00814-00013	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	ZF-S	Fill 1: KRY(80/20)	N		CL	0.24	0.41	0.50	46
	00814-00014	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.38	0.45	46
	00814-00015	"Spacers Grouped: E180 / kry80 / i89 (SS/SS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.38	0.45	46
	00815-00001	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	N		CL	0.24	0.41	0.50	45
	00815-00002	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.37	0.45	45
	00815-00003	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.37	0.45	45
	00815-00004	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	N		CL	0.24	0.41	0.50	45
	00815-00005	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.37	0.45	45
	00815-00006	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.37	0.45	45
	00815-00007	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	N		CL	0.24	0.41	0.50	45
	00815-00008	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.37	0.45	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00815-00009	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.37	0.45	45
	00815-00010	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	N		CL	0.24	0.41	0.50	45
	00815-00011	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.37	0.45	45
	00815-00012	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.37	0.45	45
	00815-00013	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	N		CL	0.24	0.41	0.50	45
	00815-00014	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	G	0.75	CL	0.24	0.37	0.45	45
	00815-00015	"Spacers Grouped: E180 / kry80 / i89 (DS/DS) - 3/4" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY(80/20)	S	0.75	CL	0.24	0.37	0.45	45
	00816-00001	"Thinstar Intercept: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.28	0.17	0.38	63
	00816-00002	"Thinstar Intercept: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.28	0.20	0.28	63
	00816-00003	"Thinstar Intercept: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.28	0.19	0.25	63
	00817-00001	"Thinstar Intercept: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.29	0.16	0.34	63
	00817-00002	"Thinstar Intercept: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.29	0.16	0.34	63
	00817-00003	"Thinstar Intercept: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.29	0.19	0.25	63
	00817-00004	"Thinstar Intercept: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.29	0.19	0.25	63
	00817-00005	"Thinstar Intercept: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.29	0.18	0.23	63
	00817-00006	"Thinstar Intercept: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.29	0.18	0.23	63

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00818-00001	"Thinstar Intercept: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.24	0.16	0.30	67
	00819-00001	"Thinstar Intercept: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.25	0.15	0.27	67
	00819-00002	"Thinstar Intercept: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.25	0.15	0.27	67
	00820-00001	"Thinstar Intercept: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.28	0.12	0.23	63
	00820-00002	"Thinstar Intercept: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.28	0.21	0.17	63
	00820-00003	"Thinstar Intercept: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.28	0.20	0.15	63
	00821-00001	"Thinstar Intercept: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.29	0.11	0.21	63
	00821-00002	"Thinstar Intercept: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.29	0.11	0.21	63
	00821-00003	"Thinstar Intercept: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.29	0.19	0.15	63
	00821-00004	"Thinstar Intercept: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.29	0.19	0.15	63
	00821-00005	"Thinstar Intercept: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.29	0.18	0.14	63
	00821-00006	"Thinstar Intercept: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.29	0.18	0.14	63
	00822-00001	"Thinstar Intercept: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.25	0.10	0.11	67
	00823-00001	"Thinstar Intercept: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.25	0.10	0.10	67
	00823-00002	"Thinstar Intercept: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.25	0.10	0.10	67
	00824-00001	"Thinstar Intercept: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.28	0.14	0.31	63

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00824-00002	"Thinstar Intercept: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.28	0.21	0.23	63
	00824-00003	"Thinstar Intercept: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.28	0.19	0.20	63
	00825-00001	"Thinstar Intercept: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.29	0.13	0.28	63
	00825-00002	"Thinstar Intercept: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.29	0.13	0.28	63
	00825-00003	"Thinstar Intercept: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.29	0.19	0.20	63
	00825-00004	"Thinstar Intercept: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.29	0.19	0.20	63
	00825-00005	"Thinstar Intercept: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.29	0.18	0.18	63
	00825-00006	"Thinstar Intercept: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.29	0.18	0.18	63
	00826-00001	"Thinstar Intercept: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.24	0.13	0.20	67
	00827-00001	"Thinstar Intercept: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.25	0.12	0.18	67
	00827-00002	"Thinstar Intercept: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.25	0.12	0.18	67
	00828-00001	"Thinstar Intercept: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.25	0.17	0.38	67
	00828-00002	"Thinstar Intercept: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.25	0.20	0.28	67
	00828-00003	"Thinstar Intercept: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.25	0.19	0.25	67
	00829-00001	"Thinstar Intercept: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.25	0.16	0.34	67
	00829-00002	"Thinstar Intercept: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.25	0.16	0.34	67

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00829-00003	"Thinstar Intercept: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.25	0.18	0.25	67
	00829-00004	"Thinstar Intercept: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.25	0.18	0.25	67
	00829-00005	"Thinstar Intercept: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.25	0.17	0.23	67
	00829-00006	"Thinstar Intercept: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.25	0.17	0.23	67
	00830-00001	"Thinstar Intercept: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.16	0.30	71
	00831-00001	"Thinstar Intercept: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.22	0.15	0.27	71
	00831-00002	"Thinstar Intercept: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.22	0.15	0.27	71
	00832-00001	"Thinstar Intercept: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.25	0.11	0.23	66
	00832-00002	"Thinstar Intercept: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.25	0.21	0.17	66
	00832-00003	"Thinstar Intercept: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.25	0.20	0.15	66
	00833-00001	"Thinstar Intercept: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.26	0.11	0.21	66
	00833-00002	"Thinstar Intercept: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.26	0.11	0.21	66
	00833-00003	"Thinstar Intercept: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.15	66
	00833-00004	"Thinstar Intercept: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.15	66
	00833-00005	"Thinstar Intercept: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.26	0.18	0.14	66
	00833-00006	"Thinstar Intercept: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.26	0.18	0.14	66

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00834-00001	"Thinstar Intercept: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.10	0.11	71
	00835-00001	"Thinstar Intercept: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.22	0.09	0.10	71
	00835-00002	"Thinstar Intercept: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.22	0.09	0.10	71
	00836-00001	"Thinstar Intercept: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.25	0.14	0.31	67
	00836-00002	"Thinstar Intercept: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.25	0.20	0.23	67
	00836-00003	"Thinstar Intercept: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.25	0.19	0.20	67
	00837-00001	"Thinstar Intercept: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.25	0.13	0.28	67
	00837-00002	"Thinstar Intercept: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.25	0.13	0.28	67
	00837-00003	"Thinstar Intercept: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.25	0.19	0.20	67
	00837-00004	"Thinstar Intercept: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.25	0.19	0.20	67
	00837-00005	"Thinstar Intercept: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.25	0.18	0.18	67
	00837-00006	"Thinstar Intercept: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.25	0.18	0.18	67
	00838-00001	"Thinstar Intercept: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.13	0.20	72
	00839-00001	"Thinstar Intercept: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.22	0.12	0.18	72
	00839-00002	"Thinstar Intercept: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.22	0.12	0.18	72
	00840-00001	"Thinstar Intercept: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.22	0.17	0.38	70

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00840-00002	"Thinstar Intercept: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.22	0.20	0.28	70
	00840-00003	"Thinstar Intercept: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.22	0.18	0.25	70
	00841-00001	"Thinstar Intercept: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.23	0.15	0.34	70
	00841-00002	"Thinstar Intercept: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.23	0.15	0.34	70
	00841-00003	"Thinstar Intercept: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.23	0.18	0.25	70
	00841-00004	"Thinstar Intercept: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.23	0.18	0.25	70
	00841-00005	"Thinstar Intercept: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.23	0.17	0.23	70
	00841-00006	"Thinstar Intercept: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.23	0.17	0.23	70
	00842-00001	"Thinstar Intercept: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.18	0.16	0.30	73
	00843-00001	"Thinstar Intercept: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.19	0.14	0.27	73
	00843-00002	"Thinstar Intercept: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.19	0.14	0.27	73
	00844-00001	"Thinstar Intercept: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.22	0.11	0.23	70
	00844-00002	"Thinstar Intercept: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.22	0.21	0.17	70
	00844-00003	"Thinstar Intercept: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.22	0.19	0.15	70
	00845-00001	"Thinstar Intercept: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.23	0.10	0.21	70
	00845-00002	"Thinstar Intercept: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.23	0.10	0.21	70

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00845-00003	"Thinstar Intercept: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.23	0.19	0.15	70
	00845-00004	"Thinstar Intercept: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.23	0.19	0.15	70
	00845-00005	"Thinstar Intercept: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.23	0.18	0.14	70
	00845-00006	"Thinstar Intercept: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.23	0.18	0.14	70
	00846-00001	"Thinstar Intercept: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.19	0.10	0.11	73
	00847-00001	"Thinstar Intercept: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.19	0.09	0.10	73
	00847-00002	"Thinstar Intercept: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.19	0.09	0.10	73
	00848-00001	"Thinstar Intercept: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.22	0.14	0.31	70
	00848-00002	"Thinstar Intercept: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.22	0.20	0.23	70
	00848-00003	"Thinstar Intercept: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.22	0.19	0.20	70
	00849-00001	"Thinstar Intercept: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.23	0.12	0.28	70
	00849-00002	"Thinstar Intercept: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.23	0.12	0.28	70
	00849-00003	"Thinstar Intercept: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.23	0.18	0.20	70
	00849-00004	"Thinstar Intercept: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.23	0.18	0.20	70
	00849-00005	"Thinstar Intercept: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.23	0.17	0.18	70
	00849-00006	"Thinstar Intercept: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.23	0.17	0.18	70

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00850-00001	"Thinstar Intercept: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.18	0.13	0.20	73
	00851-00001	"Thinstar Intercept: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.19	0.12	0.18	73
	00851-00002	"Thinstar Intercept: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.19	0.12	0.18	73
	00852-00001	"Thinstar Intercept: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.19	0.21	0.39	59
	00853-00001	"Thinstar Intercept: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.19	0.19	0.35	59
	00853-00002	"Thinstar Intercept: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.19	0.19	0.35	59
	00854-00001	"Thinstar Intercept: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.21	0.39	57
	00855-00001	"Thinstar Intercept: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.19	0.35	57
	00855-00002	"Thinstar Intercept: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.19	0.35	57
	00856-00001	"Thinstar Intercept: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.16	0.30	72
	00857-00001	"Thinstar Intercept: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.15	0.27	72
	00857-00002	"Thinstar Intercept: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.15	0.27	72
	00858-00001	"Thinstar Intercept: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.37	0.45	72
	00859-00001	"Thinstar Intercept: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.34	0.41	72
	00859-00002	"Thinstar Intercept: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.34	0.41	72
	00860-00001	"Thinstar Intercept: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.22	0.36	0.45	70

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00861-00001	"Thinstar Intercept: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.22	0.33	0.40	70
	00861-00002	"Thinstar Intercept: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.22	0.33	0.40	70
	00862-00001	"Tinplate Intercept: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.28	0.17	0.38	63
	00862-00002	"Tinplate Intercept: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.28	0.20	0.28	63
	00862-00003	"Tinplate Intercept: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.28	0.19	0.25	63
	00863-00001	"Tinplate Intercept: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.29	0.16	0.34	63
	00863-00002	"Tinplate Intercept: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.29	0.16	0.34	63
	00863-00003	"Tinplate Intercept: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.29	0.19	0.25	63
	00863-00004	"Tinplate Intercept: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.29	0.19	0.25	63
	00863-00005	"Tinplate Intercept: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.29	0.18	0.23	63
	00863-00006	"Tinplate Intercept: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.29	0.18	0.23	63
	00864-00001	"Tinplate Intercept: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.25	0.16	0.30	67
	00865-00001	"Tinplate Intercept: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.25	0.15	0.27	67
	00865-00002	"Tinplate Intercept: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.25	0.15	0.27	67
	00866-00001	"Tinplate Intercept: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.28	0.12	0.23	63
	00866-00002	"Tinplate Intercept: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.28	0.21	0.17	63

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00866-00003	"Tinplate Intercept: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.28	0.20	0.15	63
	00867-00001	"Tinplate Intercept: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.29	0.11	0.21	63
	00867-00002	"Tinplate Intercept: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.29	0.11	0.21	63
	00867-00003	"Tinplate Intercept: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.29	0.19	0.15	63
	00867-00004	"Tinplate Intercept: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.29	0.19	0.15	63
	00867-00005	"Tinplate Intercept: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.29	0.18	0.14	63
	00867-00006	"Tinplate Intercept: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.29	0.18	0.14	63
	00868-00001	"Tinplate Intercept: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.25	0.10	0.11	66
	00869-00001	"Tinplate Intercept: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.25	0.10	0.10	66
	00869-00002	"Tinplate Intercept: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.25	0.10	0.10	66
	00870-00001	"Tinplate Intercept: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.28	0.14	0.31	63
	00870-00002	"Tinplate Intercept: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.28	0.21	0.23	63
	00870-00003	"Tinplate Intercept: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.28	0.19	0.20	63
	00871-00001	"Tinplate Intercept: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.29	0.13	0.28	63
	00871-00002	"Tinplate Intercept: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.29	0.13	0.28	63
	00871-00003	"Tinplate Intercept: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.29	0.19	0.20	63

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00871-00004	"Tinplate Intercept: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.29	0.19	0.20	63
	00871-00005	"Tinplate Intercept: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.29	0.18	0.18	63
	00871-00006	"Tinplate Intercept: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.29	0.18	0.18	63
	00872-00001	"Tinplate Intercept: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.24	0.13	0.20	67
	00873-00001	"Tinplate Intercept: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.25	0.12	0.18	67
	00873-00002	"Tinplate Intercept: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.25	0.12	0.18	67
	00874-00001	"Tinplate Intercept: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.25	0.17	0.38	66
	00874-00002	"Tinplate Intercept: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.25	0.20	0.28	66
	00874-00003	"Tinplate Intercept: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.25	0.19	0.25	66
	00875-00001	"Tinplate Intercept: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.26	0.16	0.34	66
	00875-00002	"Tinplate Intercept: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.26	0.16	0.34	66
	00875-00003	"Tinplate Intercept: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.26	0.18	0.25	66
	00875-00004	"Tinplate Intercept: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.26	0.18	0.25	66
	00875-00005	"Tinplate Intercept: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.26	0.17	0.23	66
	00875-00006	"Tinplate Intercept: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.26	0.17	0.23	66
	00876-00001	"Tinplate Intercept: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.16	0.30	71

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
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Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00877-00001	"Tinplate Intercept: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.22	0.15	0.27	71
	00877-00002	"Tinplate Intercept: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.22	0.15	0.27	71
	00878-00001	"Tinplate Intercept: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.25	0.11	0.23	66
	00878-00002	"Tinplate Intercept: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.25	0.21	0.17	66
	00878-00003	"Tinplate Intercept: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.25	0.20	0.15	66
	00879-00001	"Tinplate Intercept: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.26	0.11	0.21	66
	00879-00002	"Tinplate Intercept: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.26	0.11	0.21	66
	00879-00003	"Tinplate Intercept: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.15	66
	00879-00004	"Tinplate Intercept: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.15	66
	00879-00005	"Tinplate Intercept: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.26	0.18	0.14	66
	00879-00006	"Tinplate Intercept: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.26	0.18	0.14	66
	00880-00001	"Tinplate Intercept: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.10	0.11	71
	00881-00001	"Tinplate Intercept: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.22	0.09	0.10	71
	00881-00002	"Tinplate Intercept: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.22	0.09	0.10	71
	00882-00001	"Tinplate Intercept: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.25	0.14	0.31	66
	00882-00002	"Tinplate Intercept: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.25	0.20	0.23	66

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00882-00003	"Tinplate Intercept: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.25	0.19	0.20	66
	00883-00001	"Tinplate Intercept: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.26	0.13	0.28	66
	00883-00002	"Tinplate Intercept: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.26	0.13	0.28	66
	00883-00003	"Tinplate Intercept: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.26	0.19	0.20	66
	00883-00004	"Tinplate Intercept: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.26	0.19	0.20	66
	00883-00005	"Tinplate Intercept: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.26	0.18	0.18	66
	00883-00006	"Tinplate Intercept: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.26	0.18	0.18	66
	00884-00001	"Tinplate Intercept: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.13	0.20	71
	00885-00001	"Tinplate Intercept: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.22	0.12	0.18	71
	00885-00002	"Tinplate Intercept: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.22	0.12	0.18	71
	00886-00001	"Tinplate Intercept: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.22	0.17	0.38	70
	00886-00002	"Tinplate Intercept: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.22	0.20	0.28	70
	00886-00003	"Tinplate Intercept: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.22	0.18	0.25	70
	00887-00001	"Tinplate Intercept: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.23	0.15	0.34	70
	00887-00002	"Tinplate Intercept: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.23	0.15	0.34	70
	00887-00003	"Tinplate Intercept: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.23	0.18	0.25	70

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00887-00004	"Tinplate Intercept: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.23	0.18	0.25	70
	00887-00005	"Tinplate Intercept: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.23	0.17	0.23	70
	00887-00006	"Tinplate Intercept: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.23	0.17	0.23	70
	00888-00001	"Tinplate Intercept: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.19	0.16	0.30	73
	00889-00001	"Tinplate Intercept: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.19	0.14	0.27	73
	00889-00002	"Tinplate Intercept: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.19	0.14	0.27	73
	00890-00001	"Tinplate Intercept: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.22	0.11	0.23	69
	00890-00002	"Tinplate Intercept: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.22	0.21	0.17	69
	00890-00003	"Tinplate Intercept: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.22	0.19	0.15	69
	00891-00001	"Tinplate Intercept: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.23	0.10	0.21	69
	00891-00002	"Tinplate Intercept: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.23	0.10	0.21	69
	00891-00003	"Tinplate Intercept: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.23	0.19	0.15	69
	00891-00004	"Tinplate Intercept: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.23	0.19	0.15	69
	00891-00005	"Tinplate Intercept: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.23	0.18	0.14	69
	00891-00006	"Tinplate Intercept: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.23	0.18	0.14	69
	00892-00001	"Tinplate Intercept: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.19	0.10	0.11	73

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00893-00001	"Tinplate Intercept: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.19	0.09	0.10	73
	00893-00002	"Tinplate Intercept: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.19	0.09	0.10	73
	00894-00001	"Tinplate Intercept: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.22	0.14	0.31	70
	00894-00002	"Tinplate Intercept: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.22	0.20	0.23	70
	00894-00003	"Tinplate Intercept: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.22	0.19	0.20	70
	00895-00001	"Tinplate Intercept: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.23	0.12	0.28	70
	00895-00002	"Tinplate Intercept: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.23	0.12	0.28	70
	00895-00003	"Tinplate Intercept: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.23	0.18	0.20	70
	00895-00004	"Tinplate Intercept: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.23	0.18	0.20	70
	00895-00005	"Tinplate Intercept: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.23	0.17	0.18	70
	00895-00006	"Tinplate Intercept: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.23	0.17	0.18	70
	00896-00001	"Tinplate Intercept: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.18	0.13	0.20	73
	00897-00001	"Tinplate Intercept: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.19	0.12	0.18	73
	00897-00002	"Tinplate Intercept: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	CU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.19	0.12	0.18	73
	00898-00001	"Tinplate Intercept: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.19	0.21	0.39	59
	00899-00001	"Tinplate Intercept: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.19	0.35	59

NFRC Product Certification Authorization Report

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Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00899-00002	"Tinplate Intercept: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.19	0.35	59
	00900-00001	"Tinplate Intercept: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.21	0.39	57
	00901-00001	"Tinplate Intercept: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.19	0.35	57
	00901-00002	"Tinplate Intercept: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.19	0.35	57
	00902-00001	"Tinplate Intercept: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.16	0.30	72
	00903-00001	"Tinplate Intercept: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.15	0.27	72
	00903-00002	"Tinplate Intercept: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.15	0.27	72
	00904-00001	"Tinplate Intercept: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.37	0.45	71
	00905-00001	"Tinplate Intercept: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.34	0.41	71
	00905-00002	"Tinplate Intercept: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.34	0.41	71
	00906-00001	"Tinplate Intercept: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.22	0.36	0.45	70
	00907-00001	"Tinplate Intercept: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.22	0.33	0.40	70
	00907-00002	"Tinplate Intercept: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	CU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.22	0.33	0.40	70
	00908-00001	"Super Spacer Standard: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.17	0.38	65
	00908-00002	"Super Spacer Standard: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.20	0.28	65
	00908-00003	"Super Spacer Standard: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.19	0.25	65

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00909-00001	"Super Spacer Standard: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.16	0.34	65
	00909-00002	"Super Spacer Standard: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.16	0.34	65
	00909-00003	"Super Spacer Standard: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.25	65
	00909-00004	"Super Spacer Standard: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.25	65
	00909-00005	"Super Spacer Standard: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.23	65
	00909-00006	"Super Spacer Standard: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.23	65
	00910-00001	"Super Spacer Standard: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.23	0.16	0.30	69
	00911-00001	"Super Spacer Standard: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.15	0.27	69
	00911-00002	"Super Spacer Standard: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.15	0.27	69
	00912-00001	"Super Spacer Standard: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.12	0.23	64
	00912-00002	"Super Spacer Standard: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.21	0.17	64
	00912-00003	"Super Spacer Standard: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.20	0.15	64
	00913-00001	"Super Spacer Standard: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.11	0.21	64
	00913-00002	"Super Spacer Standard: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.11	0.21	64
	00913-00003	"Super Spacer Standard: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.15	64
	00913-00004	"Super Spacer Standard: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.15	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00913-00005	"Super Spacer Standard: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.14	64
	00913-00006	"Super Spacer Standard: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.14	64
	00914-00001	"Super Spacer Standard: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.24	0.10	0.11	69
	00915-00001	"Super Spacer Standard: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.10	0.10	69
	00915-00002	"Super Spacer Standard: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.10	0.10	69
	00916-00001	"Super Spacer Standard: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.14	0.31	65
	00916-00002	"Super Spacer Standard: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.21	0.23	65
	00916-00003	"Super Spacer Standard: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.19	0.20	65
	00917-00001	"Super Spacer Standard: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.13	0.28	65
	00917-00002	"Super Spacer Standard: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.13	0.28	65
	00917-00003	"Super Spacer Standard: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.20	65
	00917-00004	"Super Spacer Standard: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.20	65
	00917-00005	"Super Spacer Standard: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.18	65
	00917-00006	"Super Spacer Standard: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.18	65
	00918-00001	"Super Spacer Standard: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.23	0.13	0.20	69
	00919-00001	"Super Spacer Standard: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.12	0.18	69

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00919-00002	"Super Spacer Standard: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	OF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.12	0.18	69
	00920-00001	"Super Spacer Standard: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.17	0.38	68
	00920-00002	"Super Spacer Standard: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.20	0.28	68
	00920-00003	"Super Spacer Standard: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.19	0.25	68
	00921-00001	"Super Spacer Standard: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.25	0.16	0.34	68
	00921-00002	"Super Spacer Standard: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.25	0.16	0.34	68
	00921-00003	"Super Spacer Standard: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.25	0.18	0.25	68
	00921-00004	"Super Spacer Standard: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.25	0.18	0.25	68
	00921-00005	"Super Spacer Standard: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.25	0.17	0.23	68
	00921-00006	"Super Spacer Standard: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.25	0.17	0.23	68
	00922-00001	"Super Spacer Standard: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.16	0.30	74
	00923-00001	"Super Spacer Standard: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.15	0.27	74
	00923-00002	"Super Spacer Standard: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.15	0.27	74
	00924-00001	"Super Spacer Standard: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.11	0.23	68
	00924-00002	"Super Spacer Standard: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.21	0.17	68
	00924-00003	"Super Spacer Standard: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.20	0.15	68

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
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City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00925-00001	"Super Spacer Standard: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.25	0.11	0.21	68
	00925-00002	"Super Spacer Standard: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.25	0.11	0.21	68
	00925-00003	"Super Spacer Standard: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.25	0.19	0.15	68
	00925-00004	"Super Spacer Standard: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.25	0.19	0.15	68
	00925-00005	"Super Spacer Standard: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.25	0.18	0.14	68
	00925-00006	"Super Spacer Standard: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.25	0.18	0.14	68
	00926-00001	"Super Spacer Standard: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.10	0.11	74
	00927-00001	"Super Spacer Standard: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.09	0.10	74
	00927-00002	"Super Spacer Standard: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.09	0.10	74
	00928-00001	"Super Spacer Standard: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.14	0.31	68
	00928-00002	"Super Spacer Standard: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.20	0.23	68
	00928-00003	"Super Spacer Standard: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.19	0.20	68
	00929-00001	"Super Spacer Standard: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.25	0.13	0.28	68
	00929-00002	"Super Spacer Standard: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.25	0.13	0.28	68
	00929-00003	"Super Spacer Standard: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.25	0.19	0.20	68
	00929-00004	"Super Spacer Standard: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.25	0.19	0.20	68

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00929-00005	"Super Spacer Standard: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.25	0.18	0.18	68
	00929-00006	"Super Spacer Standard: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.25	0.18	0.18	68
	00930-00001	"Super Spacer Standard: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.13	0.20	74
	00931-00001	"Super Spacer Standard: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.12	0.18	74
	00931-00002	"Super Spacer Standard: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.12	0.18	74
	00932-00001	"Super Spacer Standard: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.17	0.38	72
	00932-00002	"Super Spacer Standard: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.20	0.28	72
	00932-00003	"Super Spacer Standard: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.18	0.25	72
	00933-00001	"Super Spacer Standard: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.22	0.15	0.34	72
	00933-00002	"Super Spacer Standard: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.22	0.15	0.34	72
	00933-00003	"Super Spacer Standard: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.22	0.18	0.25	72
	00933-00004	"Super Spacer Standard: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.22	0.18	0.25	72
	00933-00005	"Super Spacer Standard: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.22	0.17	0.23	72
	00933-00006	"Super Spacer Standard: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.22	0.17	0.23	72
	00934-00001	"Super Spacer Standard: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.17	0.16	0.30	76
	00935-00001	"Super Spacer Standard: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.18	0.14	0.27	76

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00935-00002	"Super Spacer Standard: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.18	0.14	0.27	76
	00936-00001	"Super Spacer Standard: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.11	0.23	72
	00936-00002	"Super Spacer Standard: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.21	0.17	72
	00936-00003	"Super Spacer Standard: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.19	0.15	72
	00937-00001	"Super Spacer Standard: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.22	0.10	0.21	72
	00937-00002	"Super Spacer Standard: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.22	0.10	0.21	72
	00937-00003	"Super Spacer Standard: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.22	0.19	0.15	72
	00937-00004	"Super Spacer Standard: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.22	0.19	0.15	72
	00937-00005	"Super Spacer Standard: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.22	0.18	0.14	72
	00937-00006	"Super Spacer Standard: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.22	0.18	0.14	72
	00938-00001	"Super Spacer Standard: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.18	0.10	0.11	76
	00939-00001	"Super Spacer Standard: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.18	0.09	0.10	76
	00939-00002	"Super Spacer Standard: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.18	0.09	0.10	76
	00940-00001	"Super Spacer Standard: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.14	0.31	72
	00940-00002	"Super Spacer Standard: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.20	0.23	72
	00940-00003	"Super Spacer Standard: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.19	0.20	72

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00941-00001	"Super Spacer Standard: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.22	0.12	0.28	72
	00941-00002	"Super Spacer Standard: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.22	0.12	0.28	72
	00941-00003	"Super Spacer Standard: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.22	0.18	0.20	72
	00941-00004	"Super Spacer Standard: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.22	0.18	0.20	72
	00941-00005	"Super Spacer Standard: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.22	0.17	0.18	72
	00941-00006	"Super Spacer Standard: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.22	0.17	0.18	72
	00942-00001	"Super Spacer Standard: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.17	0.13	0.20	76
	00943-00001	"Super Spacer Standard: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.18	0.12	0.18	76
	00943-00002	"Super Spacer Standard: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	OF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.18	0.12	0.18	76
	00944-00001	"Super Spacer Standard: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.18	0.21	0.39	62
	00945-00001	"Super Spacer Standard: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.19	0.19	0.35	62
	00945-00002	"Super Spacer Standard: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.19	0.19	0.35	62
	00946-00001	"Super Spacer Standard: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.19	0.21	0.39	59
	00947-00001	"Super Spacer Standard: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.19	0.35	59
	00947-00002	"Super Spacer Standard: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.19	0.35	59
	00948-00001	"Super Spacer Standard: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.19	0.16	0.30	75

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00949-00001	"Super Spacer Standard: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.19	0.15	0.27	75
	00949-00002	"Super Spacer Standard: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.19	0.15	0.27	75
	00950-00001	"Super Spacer Standard: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.37	0.45	75
	00951-00001	"Super Spacer Standard: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.34	0.41	75
	00951-00002	"Super Spacer Standard: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.34	0.41	75
	00952-00001	"Super Spacer Standard: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.36	0.45	73
	00953-00001	"Super Spacer Standard: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.33	0.40	73
	00953-00002	"Super Spacer Standard: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	OF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.33	0.40	73
	00954-00001	"Endur: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.17	0.38	64
	00954-00002	"Endur: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.20	0.28	64
	00954-00003	"Endur: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.19	0.25	64
	00955-00001	"Endur: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.16	0.34	64
	00955-00002	"Endur: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.16	0.34	64
	00955-00003	"Endur: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.25	64
	00955-00004	"Endur: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.25	64
	00955-00005	"Endur: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.23	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00955-00006	"Endur: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.23	64
	00956-00001	"Endur: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.24	0.16	0.30	68
	00957-00001	"Endur: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.15	0.27	68
	00957-00002	"Endur: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.15	0.27	68
	00958-00001	"Endur: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.12	0.23	64
	00958-00002	"Endur: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.21	0.17	64
	00958-00003	"Endur: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.20	0.15	64
	00959-00001	"Endur: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.11	0.21	64
	00959-00002	"Endur: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.11	0.21	64
	00959-00003	"Endur: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.15	64
	00959-00004	"Endur: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.15	64
	00959-00005	"Endur: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.14	64
	00959-00006	"Endur: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.14	64
	00960-00001	"Endur: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.24	0.10	0.11	68
	00961-00001	"Endur: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.10	0.10	68
	00961-00002	"Endur: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.10	0.10	68

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00962-00001	"Endur: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.14	0.31	64
	00962-00002	"Endur: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.21	0.23	64
	00962-00003	"Endur: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.19	0.20	64
	00963-00001	"Endur: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.13	0.28	64
	00963-00002	"Endur: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.13	0.28	64
	00963-00003	"Endur: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.20	64
	00963-00004	"Endur: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.20	64
	00963-00005	"Endur: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.18	64
	00963-00006	"Endur: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.18	64
	00964-00001	"Endur: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.24	0.13	0.20	68
	00965-00001	"Endur: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.12	0.18	68
	00965-00002	"Endur: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SS-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.12	0.18	68
	00966-00001	"Endur: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.17	0.38	68
	00966-00002	"Endur: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.20	0.28	68
	00966-00003	"Endur: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.19	0.25	68
	00967-00001	"Endur: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.25	0.16	0.34	68

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00967-00002	"Endur: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.25	0.16	0.34	68
	00967-00003	"Endur: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.25	0.18	0.25	68
	00967-00004	"Endur: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.25	0.18	0.25	68
	00967-00005	"Endur: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.25	0.17	0.23	68
	00967-00006	"Endur: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.25	0.17	0.23	68
	00968-00001	"Endur: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.16	0.30	74
	00969-00001	"Endur: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.15	0.27	74
	00969-00002	"Endur: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.15	0.27	74
	00970-00001	"Endur: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.11	0.23	68
	00970-00002	"Endur: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.21	0.17	68
	00970-00003	"Endur: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.20	0.15	68
	00971-00001	"Endur: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.25	0.11	0.21	68
	00971-00002	"Endur: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.25	0.11	0.21	68
	00971-00003	"Endur: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.25	0.19	0.15	68
	00971-00004	"Endur: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.25	0.19	0.15	68
	00971-00005	"Endur: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.25	0.18	0.14	68

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00971-00006	"Endur: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.25	0.18	0.14	68
	00972-00001	"Endur: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.10	0.11	73
	00973-00001	"Endur: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.09	0.10	73
	00973-00002	"Endur: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.09	0.10	73
	00974-00001	"Endur: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.14	0.31	68
	00974-00002	"Endur: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.20	0.23	68
	00974-00003	"Endur: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.19	0.20	68
	00975-00001	"Endur: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.25	0.13	0.28	68
	00975-00002	"Endur: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.25	0.13	0.28	68
	00975-00003	"Endur: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.25	0.19	0.20	68
	00975-00004	"Endur: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.25	0.19	0.20	68
	00975-00005	"Endur: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.25	0.18	0.18	68
	00975-00006	"Endur: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.25	0.18	0.18	68
	00976-00001	"Endur: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.13	0.20	74
	00977-00001	"Endur: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.12	0.18	74
	00977-00002	"Endur: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.12	0.18	74

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00978-00001	"Endur: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.17	0.38	72
	00978-00002	"Endur: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.20	0.28	72
	00978-00003	"Endur: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.18	0.25	72
	00979-00001	"Endur: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.22	0.15	0.34	72
	00979-00002	"Endur: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.22	0.15	0.34	72
	00979-00003	"Endur: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.22	0.18	0.25	72
	00979-00004	"Endur: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.22	0.18	0.25	72
	00979-00005	"Endur: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.22	0.17	0.23	72
	00979-00006	"Endur: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.22	0.17	0.23	72
	00980-00001	"Endur: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.18	0.16	0.30	75
	00981-00001	"Endur: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.18	0.14	0.27	75
	00981-00002	"Endur: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.18	0.14	0.27	75
	00982-00001	"Endur: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.11	0.23	71
	00982-00002	"Endur: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.21	0.17	71
	00982-00003	"Endur: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.19	0.15	71
	00983-00001	"Endur: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.22	0.10	0.21	71

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00983-00002	"Endur: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.22	0.10	0.21	71
	00983-00003	"Endur: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.22	0.19	0.15	71
	00983-00004	"Endur: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.22	0.19	0.15	71
	00983-00005	"Endur: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.22	0.18	0.14	71
	00983-00006	"Endur: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.22	0.18	0.14	71
	00984-00001	"Endur: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.18	0.10	0.11	75
	00985-00001	"Endur: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.18	0.09	0.10	75
	00985-00002	"Endur: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.18	0.09	0.10	75
	00986-00001	"Endur: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.14	0.31	72
	00986-00002	"Endur: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.20	0.23	72
	00986-00003	"Endur: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.19	0.20	72
	00987-00001	"Endur: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.22	0.12	0.28	72
	00987-00002	"Endur: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.22	0.12	0.28	72
	00987-00003	"Endur: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.22	0.18	0.20	72
	00987-00004	"Endur: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.22	0.18	0.20	72
	00987-00005	"Endur: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.22	0.17	0.18	72

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00987-00006	"Endur: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.22	0.17	0.18	72
	00988-00001	"Endur: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.18	0.13	0.20	75
	00989-00001	"Endur: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.18	0.12	0.18	75
	00989-00002	"Endur: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SS-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.18	0.12	0.18	75
	00990-00001	"Endur: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.19	0.21	0.39	61
	00991-00001	"Endur: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.19	0.19	0.35	61
	00991-00002	"Endur: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.19	0.19	0.35	61
	00992-00001	"Endur: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.21	0.39	59
	00993-00001	"Endur: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.19	0.35	59
	00993-00002	"Endur: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.19	0.35	59
	00994-00001	"Endur: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.19	0.16	0.30	74
	00995-00001	"Endur: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.15	0.27	74
	00995-00002	"Endur: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.15	0.27	74
	00996-00001	"Endur: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.37	0.45	74
	00997-00001	"Endur: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.34	0.41	74
	00997-00002	"Endur: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.34	0.41	74

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00998-00001	"Endur: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.36	0.45	72
	00999-00001	"Endur: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.22	0.33	0.40	72
	00999-00002	"Endur: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	SS-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.22	0.33	0.40	72
	01000-00001	"Stainless Intercept: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.17	0.38	64
	01000-00002	"Stainless Intercept: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.20	0.28	64
	01000-00003	"Stainless Intercept: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.19	0.25	64
	01001-00001	"Stainless Intercept: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.16	0.34	64
	01001-00002	"Stainless Intercept: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.16	0.34	64
	01001-00003	"Stainless Intercept: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.25	64
	01001-00004	"Stainless Intercept: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.25	64
	01001-00005	"Stainless Intercept: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.23	64
	01001-00006	"Stainless Intercept: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.23	64
	01002-00001	"Stainless Intercept: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.24	0.16	0.30	69
	01003-00001	"Stainless Intercept: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.15	0.27	69
	01003-00002	"Stainless Intercept: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.15	0.27	69
	01004-00001	"Stainless Intercept: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.12	0.23	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01004-00002	"Stainless Intercept: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.21	0.17	64
	01004-00003	"Stainless Intercept: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.20	0.15	64
	01005-00001	"Stainless Intercept: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.11	0.21	64
	01005-00002	"Stainless Intercept: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.11	0.21	64
	01005-00003	"Stainless Intercept: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.15	64
	01005-00004	"Stainless Intercept: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.15	64
	01005-00005	"Stainless Intercept: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.14	64
	01005-00006	"Stainless Intercept: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.14	64
	01006-00001	"Stainless Intercept: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.24	0.10	0.11	68
	01007-00001	"Stainless Intercept: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.10	0.10	68
	01007-00002	"Stainless Intercept: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.10	0.10	68
	01008-00001	"Stainless Intercept: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.14	0.31	64
	01008-00002	"Stainless Intercept: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.21	0.23	64
	01008-00003	"Stainless Intercept: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.19	0.20	64
	01009-00001	"Stainless Intercept: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.13	0.28	64
	01009-00002	"Stainless Intercept: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.13	0.28	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01009-00003	"Stainless Intercept: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.20	64
	01009-00004	"Stainless Intercept: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.20	64
	01009-00005	"Stainless Intercept: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.18	64
	01009-00006	"Stainless Intercept: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.18	64
	01010-00001	"Stainless Intercept: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.24	0.13	0.20	69
	01011-00001	"Stainless Intercept: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.12	0.18	69
	01011-00002	"Stainless Intercept: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SU-D	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.12	0.18	69
	01012-00001	"Stainless Intercept: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.17	0.38	68
	01012-00002	"Stainless Intercept: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.20	0.28	68
	01012-00003	"Stainless Intercept: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.19	0.25	68
	01013-00001	"Stainless Intercept: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.25	0.16	0.34	68
	01013-00002	"Stainless Intercept: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.25	0.16	0.34	68
	01013-00003	"Stainless Intercept: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.25	0.18	0.25	68
	01013-00004	"Stainless Intercept: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.25	0.18	0.25	68
	01013-00005	"Stainless Intercept: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.25	0.17	0.23	68
	01013-00006	"Stainless Intercept: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.25	0.17	0.23	68

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01014-00001	"Stainless Intercept: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.16	0.30	74
	01015-00001	"Stainless Intercept: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.15	0.27	74
	01015-00002	"Stainless Intercept: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.15	0.27	74
	01016-00001	"Stainless Intercept: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.11	0.23	68
	01016-00002	"Stainless Intercept: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.21	0.17	68
	01016-00003	"Stainless Intercept: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.20	0.15	68
	01017-00001	"Stainless Intercept: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.25	0.11	0.21	68
	01017-00002	"Stainless Intercept: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.25	0.11	0.21	68
	01017-00003	"Stainless Intercept: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.25	0.19	0.15	68
	01017-00004	"Stainless Intercept: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.25	0.19	0.15	68
	01017-00005	"Stainless Intercept: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.25	0.18	0.14	68
	01017-00006	"Stainless Intercept: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.25	0.18	0.14	68
	01018-00001	"Stainless Intercept: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.10	0.11	74
	01019-00001	"Stainless Intercept: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.09	0.10	74
	01019-00002	"Stainless Intercept: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.09	0.10	74
	01020-00001	"Stainless Intercept: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.14	0.31	68

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01020-00002	"Stainless Intercept: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.20	0.23	68
	01020-00003	"Stainless Intercept: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.19	0.20	68
	01021-00001	"Stainless Intercept: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.25	0.13	0.28	68
	01021-00002	"Stainless Intercept: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.25	0.13	0.28	68
	01021-00003	"Stainless Intercept: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.25	0.19	0.20	68
	01021-00004	"Stainless Intercept: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.25	0.19	0.20	68
	01021-00005	"Stainless Intercept: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.25	0.18	0.18	68
	01021-00006	"Stainless Intercept: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.25	0.18	0.18	68
	01022-00001	"Stainless Intercept: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.13	0.20	74
	01023-00001	"Stainless Intercept: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.12	0.18	74
	01023-00002	"Stainless Intercept: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.12	0.18	74
	01024-00001	"Stainless Intercept: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.17	0.38	72
	01024-00002	"Stainless Intercept: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.20	0.28	72
	01024-00003	"Stainless Intercept: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.18	0.25	72
	01025-00001	"Stainless Intercept: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.22	0.15	0.34	72
	01025-00002	"Stainless Intercept: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.22	0.15	0.34	72

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01025-00003	"Stainless Intercept: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.22	0.18	0.25	72
	01025-00004	"Stainless Intercept: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.22	0.18	0.25	72
	01025-00005	"Stainless Intercept: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.22	0.17	0.23	72
	01025-00006	"Stainless Intercept: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.22	0.17	0.23	72
	01026-00001	"Stainless Intercept: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.18	0.16	0.30	76
	01027-00001	"Stainless Intercept: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.18	0.14	0.27	76
	01027-00002	"Stainless Intercept: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.18	0.14	0.27	76
	01028-00001	"Stainless Intercept: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.11	0.23	72
	01028-00002	"Stainless Intercept: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.21	0.17	72
	01028-00003	"Stainless Intercept: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.19	0.15	72
	01029-00001	"Stainless Intercept: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.22	0.10	0.21	72
	01029-00002	"Stainless Intercept: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.22	0.10	0.21	72
	01029-00003	"Stainless Intercept: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.22	0.19	0.15	72
	01029-00004	"Stainless Intercept: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.22	0.19	0.15	72
	01029-00005	"Stainless Intercept: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.22	0.18	0.14	72
	01029-00006	"Stainless Intercept: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.22	0.18	0.14	72

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01030-00001	"Stainless Intercept: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.18	0.10	0.11	75
	01031-00001	"Stainless Intercept: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.18	0.09	0.10	75
	01031-00002	"Stainless Intercept: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.18	0.09	0.10	75
	01032-00001	"Stainless Intercept: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.14	0.31	72
	01032-00002	"Stainless Intercept: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.20	0.23	72
	01032-00003	"Stainless Intercept: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.19	0.20	72
	01033-00001	"Stainless Intercept: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.22	0.12	0.28	72
	01033-00002	"Stainless Intercept: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.22	0.12	0.28	72
	01033-00003	"Stainless Intercept: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.22	0.18	0.20	72
	01033-00004	"Stainless Intercept: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.22	0.18	0.20	72
	01033-00005	"Stainless Intercept: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.22	0.17	0.18	72
	01033-00006	"Stainless Intercept: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.22	0.17	0.18	72
	01034-00001	"Stainless Intercept: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.17	0.13	0.20	76
	01035-00001	"Stainless Intercept: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.18	0.12	0.18	76
	01035-00002	"Stainless Intercept: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	SU-D	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.18	0.12	0.18	76
	01036-00001	"Stainless Intercept: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.19	0.21	0.39	61

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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Test Date: 07/16/2024
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01037-00001	"Stainless Intercept: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.19	0.19	0.35	61
	01037-00002	"Stainless Intercept: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.19	0.19	0.35	61
	01038-00001	"Stainless Intercept: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.19	0.21	0.39	59
	01039-00001	"Stainless Intercept: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.19	0.35	59
	01039-00002	"Stainless Intercept: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.19	0.35	59
	01040-00001	"Stainless Intercept: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.19	0.16	0.30	75
	01041-00001	"Stainless Intercept: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.19	0.15	0.27	75
	01041-00002	"Stainless Intercept: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.19	0.15	0.27	75
	01042-00001	"Stainless Intercept: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.37	0.45	74
	01043-00001	"Stainless Intercept: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.34	0.41	74
	01043-00002	"Stainless Intercept: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.34	0.41	74
	01044-00001	"Stainless Intercept: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.36	0.45	72
	01045-00001	"Stainless Intercept: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.22	0.33	0.40	72
	01045-00002	"Stainless Intercept: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	SU-D	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.22	0.33	0.40	72
	01046-00001	"Super Spacer Premium: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.17	0.38	65
	01046-00002	"Super Spacer Premium: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.20	0.28	65

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01046-00003	"Super Spacer Premium: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.19	0.25	65
	01047-00001	"Super Spacer Premium: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.16	0.34	65
	01047-00002	"Super Spacer Premium: E366 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.16	0.34	65
	01047-00003	"Super Spacer Premium: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.25	65
	01047-00004	"Super Spacer Premium: bronze / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.25	65
	01047-00005	"Super Spacer Premium: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.23	65
	01047-00006	"Super Spacer Premium: gray / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.23	65
	01048-00001	"Super Spacer Premium: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.23	0.16	0.30	69
	01049-00001	"Super Spacer Premium: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.15	0.27	69
	01049-00002	"Super Spacer Premium: E366 / air / clr / air / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.15	0.27	69
	01050-00001	"Super Spacer Premium: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.12	0.23	65
	01050-00002	"Super Spacer Premium: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.21	0.17	65
	01050-00003	"Super Spacer Premium: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.20	0.15	65
	01051-00001	"Super Spacer Premium: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.11	0.21	65
	01051-00002	"Super Spacer Premium: E340 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.11	0.21	65
	01051-00003	"Super Spacer Premium: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.15	65

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01051-00004	"Super Spacer Premium: bronze / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.15	65
	01051-00005	"Super Spacer Premium: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.14	65
	01051-00006	"Super Spacer Premium: gray / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.14	65
	01052-00001	"Super Spacer Premium: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.23	0.10	0.11	69
	01053-00001	"Super Spacer Premium: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.10	0.10	69
	01053-00002	"Super Spacer Premium: E340 / air / clr / air / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.10	0.10	69
	01054-00001	"Super Spacer Premium: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.27	0.14	0.31	65
	01054-00002	"Super Spacer Premium: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		BZ	0.27	0.21	0.23	65
	01054-00003	"Super Spacer Premium: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		GY	0.27	0.19	0.20	65
	01055-00001	"Super Spacer Premium: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.28	0.13	0.28	65
	01055-00002	"Super Spacer Premium: E452 / air / clr / air / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.28	0.13	0.28	65
	01055-00003	"Super Spacer Premium: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	BZ	0.28	0.19	0.20	65
	01055-00004	"Super Spacer Premium: bronze / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	BZ	0.28	0.19	0.20	65
	01055-00005	"Super Spacer Premium: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	GY	0.28	0.18	0.18	65
	01055-00006	"Super Spacer Premium: gray / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	GY	0.28	0.18	0.18	65
	01056-00001	"Super Spacer Premium: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	N		CL	0.23	0.13	0.20	69

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01057-00001	"Super Spacer Premium: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	G	0.75	CL	0.24	0.12	0.18	69
	01057-00002	"Super Spacer Premium: E452 / air / clr / air / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	ZF-S	Fill 1: AIR(100) , Fill 2: AIR(100)	S	0.75	CL	0.24	0.12	0.18	69
	01058-00001	"Super Spacer Premium: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.17	0.38	69
	01058-00002	"Super Spacer Premium: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.20	0.28	69
	01058-00003	"Super Spacer Premium: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.19	0.25	69
	01059-00001	"Super Spacer Premium: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.24	0.16	0.34	69
	01059-00002	"Super Spacer Premium: E366 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.24	0.16	0.34	69
	01059-00003	"Super Spacer Premium: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.24	0.18	0.25	69
	01059-00004	"Super Spacer Premium: bronze / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.24	0.18	0.25	69
	01059-00005	"Super Spacer Premium: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.24	0.17	0.23	69
	01059-00006	"Super Spacer Premium: gray / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.24	0.17	0.23	69
	01060-00001	"Super Spacer Premium: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.16	0.30	75
	01061-00001	"Super Spacer Premium: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.15	0.27	75
	01061-00002	"Super Spacer Premium: E366 / arg93 / clr / arg93 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.15	0.27	75
	01062-00001	"Super Spacer Premium: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.11	0.23	69
	01062-00002	"Super Spacer Premium: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.21	0.17	69

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01062-00003	"Super Spacer Premium: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.20	0.15	69
	01063-00001	"Super Spacer Premium: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.24	0.11	0.21	69
	01063-00002	"Super Spacer Premium: E340 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.24	0.11	0.21	69
	01063-00003	"Super Spacer Premium: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.24	0.19	0.15	69
	01063-00004	"Super Spacer Premium: bronze / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.24	0.19	0.15	69
	01063-00005	"Super Spacer Premium: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.24	0.18	0.14	69
	01063-00006	"Super Spacer Premium: gray / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.24	0.18	0.14	69
	01064-00001	"Super Spacer Premium: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.10	0.11	75
	01065-00001	"Super Spacer Premium: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.09	0.10	75
	01065-00002	"Super Spacer Premium: E340 / arg93 / clr / arg93 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.09	0.10	75
	01066-00001	"Super Spacer Premium: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.24	0.14	0.31	69
	01066-00002	"Super Spacer Premium: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		BZ	0.24	0.20	0.23	69
	01066-00003	"Super Spacer Premium: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		GY	0.24	0.19	0.20	69
	01067-00001	"Super Spacer Premium: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.24	0.13	0.28	69
	01067-00002	"Super Spacer Premium: E452 / arg93 / clr / arg93 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.24	0.13	0.28	69
	01067-00003	"Super Spacer Premium: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	BZ	0.24	0.19	0.20	69

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01067-00004	"Super Spacer Premium: bronze / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	BZ	0.24	0.19	0.20	69
	01067-00005	"Super Spacer Premium: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	GY	0.24	0.18	0.18	69
	01067-00006	"Super Spacer Premium: gray / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	GY	0.24	0.18	0.18	69
	01068-00001	"Super Spacer Premium: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.13	0.20	75
	01069-00001	"Super Spacer Premium: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.12	0.18	75
	01069-00002	"Super Spacer Premium: E452 / arg93 / clr / arg93 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.12	0.18	75
	01070-00001	"Super Spacer Premium: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.17	0.38	73
	01070-00002	"Super Spacer Premium: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.20	0.28	73
	01070-00003	"Super Spacer Premium: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.18	0.25	73
	01071-00001	"Super Spacer Premium: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.22	0.15	0.34	73
	01071-00002	"Super Spacer Premium: E366 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.22	0.15	0.34	73
	01071-00003	"Super Spacer Premium: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.22	0.18	0.25	73
	01071-00004	"Super Spacer Premium: bronze / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.22	0.18	0.25	73
	01071-00005	"Super Spacer Premium: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.22	0.17	0.23	73
	01071-00006	"Super Spacer Premium: gray / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.22	0.17	0.23	73
	01072-00001	"Super Spacer Premium: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.17	0.16	0.30	76

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01073-00001	"Super Spacer Premium: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.17	0.14	0.27	76
	01073-00002	"Super Spacer Premium: E366 / kry80 / clr / kry80 / E366 (DS/DS/DS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.17	0.14	0.27	76
	01074-00001	"Super Spacer Premium: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.11	0.23	72
	01074-00002	"Super Spacer Premium: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.21	0.17	72
	01074-00003	"Super Spacer Premium: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.19	0.15	72
	01075-00001	"Super Spacer Premium: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.22	0.10	0.21	72
	01075-00002	"Super Spacer Premium: E340 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.22	0.10	0.21	72
	01075-00003	"Super Spacer Premium: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.22	0.19	0.15	72
	01075-00004	"Super Spacer Premium: bronze / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.22	0.19	0.15	72
	01075-00005	"Super Spacer Premium: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.22	0.18	0.14	72
	01075-00006	"Super Spacer Premium: gray / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.22	0.18	0.14	72
	01076-00001	"Super Spacer Premium: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.17	0.10	0.11	76
	01077-00001	"Super Spacer Premium: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.18	0.09	0.10	76
	01077-00002	"Super Spacer Premium: E340 / kry80 / clr / kry80 / E340 (DS/DS/DS) - 1" IG"	VY/VY	3	0.028(2), 0.028(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.18	0.09	0.10	76
	01078-00001	"Super Spacer Premium: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.21	0.14	0.31	73
	01078-00002	"Super Spacer Premium: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		BZ	0.21	0.20	0.23	73

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01078-00003	"Super Spacer Premium: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		GY	0.21	0.19	0.20	73
	01079-00001	"Super Spacer Premium: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.21	0.12	0.28	73
	01079-00002	"Super Spacer Premium: E452 / kry80 / clr / kry80 / clr (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.21	0.12	0.28	73
	01079-00003	"Super Spacer Premium: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	BZ	0.21	0.18	0.20	73
	01079-00004	"Super Spacer Premium: bronze / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	BZ	0.21	0.18	0.20	73
	01079-00005	"Super Spacer Premium: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	GY	0.21	0.17	0.18	73
	01079-00006	"Super Spacer Premium: gray / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	GY	0.21	0.17	0.18	73
	01080-00001	"Super Spacer Premium: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	N		CL	0.17	0.13	0.20	76
	01081-00001	"Super Spacer Premium: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	G	0.75	CL	0.17	0.12	0.18	76
	01081-00002	"Super Spacer Premium: E452 / kry80 / clr / kry80 / E452 (DS/DS/DS) - 1" IG"	VY/VY	3	0.018(2), 0.018(5)	0.313,0.313	ZF-S	Fill 1: KRY(80/20) , Fill 2: KRY(80/20)	S	0.75	CL	0.17	0.12	0.18	76
	01082-00001	"Super Spacer Premium: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.18	0.21	0.39	62
	01083-00001	"Super Spacer Premium: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.18	0.19	0.35	62
	01083-00002	"Super Spacer Premium: E270 / arg93 / E180 / arg93 / i89 (SS/SS/SS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.359,0.359	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.18	0.19	0.35	62
	01084-00001	"Super Spacer Premium: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.19	0.21	0.39	60
	01085-00001	"Super Spacer Premium: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.19	0.19	0.35	60
	01085-00002	"Super Spacer Premium: E270 / arg93 / E180 / arg93 / i89 (DS/DS/DS) - 1" IG"	VY/VY	3	0.035(2), 0.068(4), 0.149(6)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.19	0.19	0.35	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01086-00001	"Super Spacer Premium: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.19	0.16	0.30	76
	01087-00001	"Super Spacer Premium: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.19	0.15	0.27	76
	01087-00002	"Super Spacer Premium: E366 / arg93 / clr / arg93 / E366 (SS/SS/SS) - 1" IG"	VY/VY	3	0.02(2), 0.02(5)	0.359,0.359	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.19	0.15	0.27	76
	01088-00001	"Super Spacer Premium: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.20	0.37	0.45	76
	01089-00001	"Super Spacer Premium: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.20	0.34	0.41	76
	01089-00002	"Super Spacer Premium: E180 / arg93 / clr / arg93 / E180 (SS/SS/SS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.359,0.359	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.20	0.34	0.41	76
	01090-00001	"Super Spacer Premium: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	N		CL	0.21	0.36	0.45	73
	01091-00001	"Super Spacer Premium: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	G	0.75	CL	0.21	0.33	0.40	73
	01091-00002	"Super Spacer Premium: E180 / arg93 / clr / arg93 / E180 (DS/DS/DS) - 1" IG"	VY/VY	3	0.068(2), 0.068(5)	0.313,0.313	ZF-S	Fill 1: ARG(93/7) , Fill 2: ARG(93/7)	S	0.75	CL	0.21	0.33	0.40	73
	01092-00001	"Tinplate Intercept: E270 / air / clr (DS/DS) - 1" IG (BBG Up)"	VY/VY	2	0.035(2)	0.750	CU-D	Fill 1: AIR(100)	N		CL	0.34	0.20	0.37	55
	01093-00001	"Tinplate Intercept: E270 / air / i89 (DS/DS) - 1" IG (BBG Up)"	VY/VY	2	0.035(2), 0.149(4)	0.750	CU-D	Fill 1: AIR(100)	N		CL	0.28	0.20	0.36	41
	01094-00001	"Tinplate Intercept: E366 / air / clr (DS/DS) - 1" IG (BBG Up)"	VY/VY	2	0.02(2)	0.750	CU-D	Fill 1: AIR(100)	N		CL	0.33	0.15	0.34	55
	01095-00001	"Tinplate Intercept: E366 / air / i89 (DS/DS) - 1" IG (BBG Up)"	VY/VY	2	0.02(2), 0.149(4)	0.750	CU-D	Fill 1: AIR(100)	N		CL	0.28	0.15	0.33	41
	01096-00001	"Tinplate Intercept: E270 / air / clr (DS/DS) - 1" IG (BBG Down| White)"	VY/VY	2	0.035(2)	0.750	CU-D	Fill 1: AIR(100)	N		CL	0.32	0.12	0.09	
	01097-00001	"Tinplate Intercept: E270 / air / i89 (DS/DS) - 1" IG (BBG Down| White)"	VY/VY	2	0.035(2), 0.149(4)	0.750	CU-D	Fill 1: AIR(100)	N		CL	0.28	0.11	0.08	
	01098-00001	"Tinplate Intercept: E366 / air / clr (DS/DS) - 1" IG (BBG Down| White)"	VY/VY	2	0.02(2)	0.750	CU-D	Fill 1: AIR(100)	N		CL	0.32	0.09	0.08	

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Street: 250 Staunton Avenue
Product Type: PRAW
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City/State/Zip: Parkersburg, WV 26104
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Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01099-00001	"Tinplate Intercept: E366 / air / i89 (DS/DS) - 1" IG (BBG Down| White)"	VY/VY	2	0.02(2), 0.149(4)	0.750	CU-D	Fill 1: AIR(100)	N		CL	0.28	0.08	0.08	
	01100-00001	"Thinstar Intercept: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	N		CL	0.42	0.50	0.53	44
	01100-00002	"Thinstar Intercept: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.42	0.46	0.48	44
	01100-00003	"Thinstar Intercept: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	N		BZ	0.42	0.41	0.39	44
	01100-00004	"Thinstar Intercept: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.42	0.37	0.35	44
	01100-00005	"Thinstar Intercept: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	N		GY	0.42	0.38	0.35	44
	01100-00006	"Thinstar Intercept: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.42	0.34	0.32	44
	01101-00001	"Thinstar Intercept: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.41	0.46	0.48	44
	01101-00002	"Thinstar Intercept: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.41	0.37	0.35	44
	01101-00003	"Thinstar Intercept: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.41	0.34	0.32	44
	01102-00001	"Thinstar Intercept: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.18	0.42	56
	01102-00002	"Thinstar Intercept: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	56
	01102-00003	"Thinstar Intercept: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.31	56
	01102-00004	"Thinstar Intercept: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.28	56
	01102-00005	"Thinstar Intercept: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.28	56
	01102-00006	"Thinstar Intercept: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.25	56

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01103-00001	"Thinstar Intercept: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.37	56
	01103-00002	"Thinstar Intercept: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.28	56
	01103-00003	"Thinstar Intercept: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.25	56
	01104-00001	"Thinstar Intercept: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.25	0.18	0.41	43
	01104-00002	"Thinstar Intercept: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.37	43
	01105-00001	"Thinstar Intercept: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.16	0.37	43
	01106-00001	"Thinstar Intercept: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.30	0.12	0.25	56
	01106-00002	"Thinstar Intercept: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.12	0.22	56
	01106-00003	"Thinstar Intercept: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	N		BZ	0.30	0.22	0.18	56
	01106-00004	"Thinstar Intercept: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.30	0.20	0.16	56
	01106-00005	"Thinstar Intercept: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	N		GY	0.30	0.20	0.17	56
	01106-00006	"Thinstar Intercept: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.30	0.19	0.15	56
	01107-00001	"Thinstar Intercept: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.12	0.22	56
	01107-00002	"Thinstar Intercept: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.20	0.16	56
	01107-00003	"Thinstar Intercept: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.19	0.15	56
	01108-00001	"Thinstar Intercept: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.12	0.24	43

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01108-00002	"Thinstar Intercept: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.11	0.22	43
	01109-00001	"Thinstar Intercept: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.22	43
	01110-00001	"Thinstar Intercept: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.15	0.34	56
	01110-00002	"Thinstar Intercept: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	56
	01110-00003	"Thinstar Intercept: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.25	56
	01110-00004	"Thinstar Intercept: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	56
	01110-00005	"Thinstar Intercept: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.22	56
	01110-00006	"Thinstar Intercept: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	56
	01111-00001	"Thinstar Intercept: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.14	0.30	56
	01111-00002	"Thinstar Intercept: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.22	56
	01111-00003	"Thinstar Intercept: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.20	56
	01112-00001	"Thinstar Intercept: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.33	43
	01112-00002	"Thinstar Intercept: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.13	0.29	43
	01113-00001	"Thinstar Intercept: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.13	0.29	43
	01114-00001	"Thinstar Intercept: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	N		CL	0.41	0.49	0.52	45
	01114-00002	"Thinstar Intercept: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	N		BZ	0.41	0.39	0.38	45

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01114-00003	"Thinstar Intercept: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	N		GY	0.41	0.37	0.34	45
	01115-00001	"Thinstar Intercept: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.41	0.44	0.47	45
	01115-00002	"Thinstar Intercept: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.41	0.36	0.34	45
	01115-00003	"Thinstar Intercept: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.41	0.33	0.31	45
	01116-00001	"Thinstar Intercept: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.41	0.44	0.47	45
	01116-00002	"Thinstar Intercept: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.41	0.36	0.34	45
	01116-00003	"Thinstar Intercept: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.41	0.33	0.31	45
	01117-00001	"Thinstar Intercept: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.18	0.41	56
	01117-00002	"Thinstar Intercept: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.30	56
	01117-00003	"Thinstar Intercept: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.27	56
	01118-00001	"Thinstar Intercept: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.17	0.37	55
	01118-00002	"Thinstar Intercept: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.30	0.19	0.27	55
	01118-00003	"Thinstar Intercept: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.30	0.18	0.24	55
	01119-00001	"Thinstar Intercept: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.30	0.17	0.37	55
	01119-00002	"Thinstar Intercept: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.30	0.19	0.27	55
	01119-00003	"Thinstar Intercept: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.30	0.18	0.24	55

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01120-00001	"Thinstar Intercept: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.18	0.40	42
	01121-00001	"Thinstar Intercept: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.16	0.36	42
	01122-00001	"Thinstar Intercept: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.16	0.36	42
	01123-00001	"Thinstar Intercept: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.12	0.24	55
	01123-00002	"Thinstar Intercept: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	55
	01123-00003	"Thinstar Intercept: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	55
	01124-00001	"Thinstar Intercept: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.11	0.22	55
	01124-00002	"Thinstar Intercept: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.30	0.20	0.16	55
	01124-00003	"Thinstar Intercept: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.30	0.18	0.15	55
	01125-00001	"Thinstar Intercept: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.30	0.11	0.22	55
	01125-00002	"Thinstar Intercept: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.30	0.20	0.16	55
	01125-00003	"Thinstar Intercept: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.30	0.18	0.15	55
	01126-00001	"Thinstar Intercept: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.12	0.24	42
	01127-00001	"Thinstar Intercept: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.11	0.21	42
	01128-00001	"Thinstar Intercept: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.11	0.21	42
	01129-00001	"Thinstar Intercept: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.15	0.33	56

NFRC Product Certification Authorization Report

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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01129-00002	"Thinstar Intercept: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.24	56
	01129-00003	"Thinstar Intercept: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.22	56
	01130-00001	"Thinstar Intercept: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.14	0.30	55
	01130-00002	"Thinstar Intercept: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.30	0.19	0.22	55
	01130-00003	"Thinstar Intercept: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.30	0.18	0.20	55
	01131-00001	"Thinstar Intercept: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.30	0.14	0.30	55
	01131-00002	"Thinstar Intercept: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.30	0.19	0.22	55
	01131-00003	"Thinstar Intercept: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.30	0.18	0.20	55
	01132-00001	"Thinstar Intercept: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.15	0.32	42
	01133-00001	"Thinstar Intercept: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.13	0.29	42
	01134-00001	"Thinstar Intercept: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.13	0.29	42
	01135-00001	"Thinstar Intercept: lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		CL	0.41	0.44	0.51	46
	01135-00002	"Thinstar Intercept: lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.41	0.40	0.46	46
	01135-00003	"Thinstar Intercept: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.41	0.36	0.38	46
	01135-00004	"Thinstar Intercept: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.41	0.33	0.34	46
	01135-00005	"Thinstar Intercept: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		GY	0.41	0.34	0.34	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01135-00006	"Thinstar Intercept: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.41	0.31	0.31	46
	01136-00001	"Thinstar Intercept: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.41	0.40	0.46	46
	01136-00002	"Thinstar Intercept: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.41	0.33	0.34	46
	01136-00003	"Thinstar Intercept: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.41	0.31	0.31	46
	01137-00001	"Thinstar Intercept: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.19	0.41	58
	01137-00002	"Thinstar Intercept: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	58
	01137-00003	"Thinstar Intercept: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.30	58
	01137-00004	"Thinstar Intercept: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.18	0.27	58
	01137-00005	"Thinstar Intercept: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.27	58
	01137-00006	"Thinstar Intercept: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.17	0.24	58
	01138-00001	"Thinstar Intercept: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.37	58
	01138-00002	"Thinstar Intercept: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.18	0.27	58
	01138-00003	"Thinstar Intercept: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.17	0.24	58
	01139-00001	"Thinstar Intercept: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.18	0.40	45
	01139-00002	"Thinstar Intercept: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.17	0.36	45
	01140-00001	"Thinstar Intercept: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.17	0.36	45

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01141-00001	"Thinstar Intercept: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.13	0.24	58
	01141-00002	"Thinstar Intercept: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.12	0.22	58
	01141-00003	"Thinstar Intercept: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	58
	01141-00004	"Thinstar Intercept: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.16	58
	01141-00005	"Thinstar Intercept: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	58
	01141-00006	"Thinstar Intercept: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	58
	01142-00001	"Thinstar Intercept: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.12	0.22	58
	01142-00002	"Thinstar Intercept: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.16	58
	01142-00003	"Thinstar Intercept: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.15	58
	01143-00001	"Thinstar Intercept: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.12	0.24	45
	01143-00002	"Thinstar Intercept: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.12	0.21	45
	01144-00001	"Thinstar Intercept: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.12	0.21	45
	01145-00001	"Thinstar Intercept: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.16	0.33	58
	01145-00002	"Thinstar Intercept: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	58
	01145-00003	"Thinstar Intercept: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.24	58
	01145-00004	"Thinstar Intercept: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01145-00005	"Thinstar Intercept: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.22	58
	01145-00006	"Thinstar Intercept: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	58
	01146-00001	"Thinstar Intercept: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.14	0.30	58
	01146-00002	"Thinstar Intercept: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.22	58
	01146-00003	"Thinstar Intercept: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.20	58
	01147-00001	"Thinstar Intercept: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	45
	01147-00002	"Thinstar Intercept: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.14	0.29	45
	01148-00001	"Thinstar Intercept: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.14	0.29	45
	01149-00001	"Thinstar Intercept: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		CL	0.41	0.43	0.50	46
	01149-00002	"Thinstar Intercept: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.41	0.39	0.45	46
	01149-00003	"Thinstar Intercept: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.41	0.36	0.38	46
	01149-00004	"Thinstar Intercept: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.41	0.33	0.34	46
	01149-00005	"Thinstar Intercept: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		GY	0.41	0.34	0.34	46
	01149-00006	"Thinstar Intercept: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.41	0.31	0.31	46
	01150-00001	"Thinstar Intercept: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.40	0.39	0.45	46
	01150-00002	"Thinstar Intercept: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.33	0.34	46

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01150-00003	"Thinstar Intercept: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.40	0.31	0.31	46
	01151-00001	"Thinstar Intercept: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.19	0.40	58
	01151-00002	"Thinstar Intercept: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.36	58
	01151-00003	"Thinstar Intercept: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.30	58
	01151-00004	"Thinstar Intercept: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.18	0.27	58
	01151-00005	"Thinstar Intercept: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.27	58
	01151-00006	"Thinstar Intercept: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.17	0.24	58
	01152-00001	"Thinstar Intercept: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.36	58
	01152-00002	"Thinstar Intercept: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.18	0.27	58
	01152-00003	"Thinstar Intercept: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.17	0.24	58
	01153-00001	"Thinstar Intercept: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.18	0.39	45
	01153-00002	"Thinstar Intercept: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.16	0.35	45
	01154-00001	"Thinstar Intercept: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.16	0.35	45
	01155-00001	"Thinstar Intercept: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.13	0.24	58
	01155-00002	"Thinstar Intercept: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.12	0.22	58
	01155-00003	"Thinstar Intercept: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	58

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01155-00004	"Thinstar Intercept: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.16	58
	01155-00005	"Thinstar Intercept: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	58
	01155-00006	"Thinstar Intercept: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	58
	01156-00001	"Thinstar Intercept: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.12	0.22	58
	01156-00002	"Thinstar Intercept: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.16	58
	01156-00003	"Thinstar Intercept: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.15	58
	01157-00001	"Thinstar Intercept: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.12	0.24	45
	01157-00002	"Thinstar Intercept: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.11	0.21	45
	01158-00001	"Thinstar Intercept: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.21	45
	01159-00001	"Thinstar Intercept: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.16	0.33	58
	01159-00002	"Thinstar Intercept: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.29	58
	01159-00003	"Thinstar Intercept: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.24	58
	01159-00004	"Thinstar Intercept: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	58
	01159-00005	"Thinstar Intercept: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.22	58
	01159-00006	"Thinstar Intercept: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	58
	01160-00001	"Thinstar Intercept: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.14	0.29	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01160-00002	"Thinstar Intercept: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.22	58
	01160-00003	"Thinstar Intercept: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.20	58
	01161-00001	"Thinstar Intercept: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	45
	01161-00002	"Thinstar Intercept: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.14	0.29	45
	01162-00001	"Thinstar Intercept: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.14	0.29	45
	01163-00001	"Thinstar Intercept: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: AIR (100)	N		CL	0.30	0.41	0.49	57
	01163-00002	"Thinstar Intercept: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.37	0.45	57
	01164-00001	"Thinstar Intercept: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.30	0.37	0.45	57
	01165-00001	"Thinstar Intercept: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.30	0.40	0.49	56
	01165-00002	"Thinstar Intercept: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.36	0.44	56
	01166-00001	"Thinstar Intercept: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.30	0.36	0.44	56
	01167-00001	"Thinstar Intercept: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.41	0.50	43
	01167-00002	"Thinstar Intercept: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.37	0.45	43
	01168-00001	"Thinstar Intercept: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.37	0.45	43
	01169-00001	"Thinstar Intercept: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.40	0.50	42
	01169-00002	"Thinstar Intercept: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.37	0.45	42

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01170-00001	"Thinstar Intercept: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.37	0.45	42
	01171-00001	"Thinstar Intercept: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	N		CL	0.40	0.50	0.53	46
	01171-00002	"Thinstar Intercept: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.40	0.46	0.48	46
	01171-00003	"Thinstar Intercept: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	N		BZ	0.40	0.41	0.39	46
	01171-00004	"Thinstar Intercept: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.40	0.37	0.35	46
	01171-00005	"Thinstar Intercept: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	N		GY	0.40	0.38	0.35	46
	01171-00006	"Thinstar Intercept: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.40	0.34	0.32	46
	01172-00001	"Thinstar Intercept: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.46	0.48	46
	01172-00002	"Thinstar Intercept: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.37	0.35	46
	01172-00003	"Thinstar Intercept: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.34	0.32	46
	01173-00001	"Thinstar Intercept: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.42	60
	01173-00002	"Thinstar Intercept: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.17	0.37	60
	01173-00003	"Thinstar Intercept: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.31	60
	01173-00004	"Thinstar Intercept: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.28	60
	01173-00005	"Thinstar Intercept: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.28	60
	01173-00006	"Thinstar Intercept: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.25	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01174-00001	"Thinstar Intercept: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.17	0.37	60
	01174-00002	"Thinstar Intercept: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.28	60
	01174-00003	"Thinstar Intercept: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.25	60
	01175-00001	"Thinstar Intercept: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.41	47
	01175-00002	"Thinstar Intercept: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.37	47
	01176-00001	"Thinstar Intercept: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.16	0.37	47
	01177-00001	"Thinstar Intercept: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.27	0.12	0.25	60
	01177-00002	"Thinstar Intercept: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.11	0.22	60
	01177-00003	"Thinstar Intercept: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	N		BZ	0.27	0.22	0.18	60
	01177-00004	"Thinstar Intercept: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.27	0.20	0.16	60
	01177-00005	"Thinstar Intercept: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	N		GY	0.27	0.20	0.17	60
	01177-00006	"Thinstar Intercept: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.27	0.19	0.15	60
	01178-00001	"Thinstar Intercept: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.11	0.22	60
	01178-00002	"Thinstar Intercept: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.20	0.16	60
	01178-00003	"Thinstar Intercept: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.19	0.15	60
	01179-00001	"Thinstar Intercept: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01179-00002	"Thinstar Intercept: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.22	47
	01180-00001	"Thinstar Intercept: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.11	0.22	47
	01181-00001	"Thinstar Intercept: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.34	60
	01181-00002	"Thinstar Intercept: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.14	0.30	60
	01181-00003	"Thinstar Intercept: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.25	60
	01181-00004	"Thinstar Intercept: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.22	60
	01181-00005	"Thinstar Intercept: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.22	60
	01181-00006	"Thinstar Intercept: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.20	60
	01182-00001	"Thinstar Intercept: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.14	0.30	60
	01182-00002	"Thinstar Intercept: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.22	60
	01182-00003	"Thinstar Intercept: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.20	60
	01183-00001	"Thinstar Intercept: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.14	0.33	47
	01183-00002	"Thinstar Intercept: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	47
	01184-00001	"Thinstar Intercept: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.13	0.29	47
	01185-00001	"Thinstar Intercept: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	N		CL	0.39	0.49	0.52	46
	01185-00002	"Thinstar Intercept: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	N		BZ	0.39	0.39	0.38	46

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01185-00003	"Thinstar Intercept: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	N		GY	0.39	0.37	0.34	46
	01186-00001	"Thinstar Intercept: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.44	0.47	46
	01186-00002	"Thinstar Intercept: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.36	0.34	46
	01186-00003	"Thinstar Intercept: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.33	0.31	46
	01187-00001	"Thinstar Intercept: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.44	0.47	46
	01187-00002	"Thinstar Intercept: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.36	0.34	46
	01187-00003	"Thinstar Intercept: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.33	0.31	46
	01188-00001	"Thinstar Intercept: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.41	59
	01188-00002	"Thinstar Intercept: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.30	59
	01188-00003	"Thinstar Intercept: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.27	59
	01189-00001	"Thinstar Intercept: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.16	0.37	59
	01189-00002	"Thinstar Intercept: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.27	0.19	0.27	59
	01189-00003	"Thinstar Intercept: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.27	0.17	0.24	59
	01190-00001	"Thinstar Intercept: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.27	0.16	0.37	59
	01190-00002	"Thinstar Intercept: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.27	0.19	0.27	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01190-00003	"Thinstar Intercept: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.27	0.17	0.24	59
	01191-00001	"Thinstar Intercept: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.40	46
	01192-00001	"Thinstar Intercept: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.36	46
	01193-00001	"Thinstar Intercept: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.16	0.36	46
	01194-00001	"Thinstar Intercept: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.12	0.24	59
	01194-00002	"Thinstar Intercept: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.22	0.18	59
	01194-00003	"Thinstar Intercept: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.16	59
	01195-00001	"Thinstar Intercept: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.11	0.22	59
	01195-00002	"Thinstar Intercept: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.27	0.20	0.16	59
	01195-00003	"Thinstar Intercept: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.27	0.18	0.15	59
	01196-00001	"Thinstar Intercept: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.27	0.11	0.22	59
	01196-00002	"Thinstar Intercept: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.27	0.20	0.16	59
	01196-00003	"Thinstar Intercept: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.27	0.18	0.15	59
	01197-00001	"Thinstar Intercept: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	46
	01198-00001	"Thinstar Intercept: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.21	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01199-00001	"Thinstar Intercept: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.11	0.21	46
	01200-00001	"Thinstar Intercept: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.33	60
	01200-00002	"Thinstar Intercept: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.24	60
	01200-00003	"Thinstar Intercept: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.22	60
	01201-00001	"Thinstar Intercept: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.13	0.30	59
	01201-00002	"Thinstar Intercept: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.27	0.19	0.22	59
	01201-00003	"Thinstar Intercept: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.27	0.18	0.20	59
	01202-00001	"Thinstar Intercept: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.27	0.13	0.30	59
	01202-00002	"Thinstar Intercept: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.27	0.19	0.22	59
	01202-00003	"Thinstar Intercept: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.27	0.18	0.20	59
	01203-00001	"Thinstar Intercept: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.14	0.32	46
	01204-00001	"Thinstar Intercept: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	46
	01205-00001	"Thinstar Intercept: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.13	0.29	46
	01206-00001	"Thinstar Intercept: lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		CL	0.39	0.44	0.51	48
	01206-00002	"Thinstar Intercept: lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.40	0.46	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01206-00003	"Thinstar Intercept: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.39	0.36	0.38	48
	01206-00004	"Thinstar Intercept: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.33	0.34	48
	01206-00005	"Thinstar Intercept: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		GY	0.39	0.34	0.34	48
	01206-00006	"Thinstar Intercept: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.31	0.31	48
	01207-00001	"Thinstar Intercept: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.40	0.46	48
	01207-00002	"Thinstar Intercept: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.33	0.34	48
	01207-00003	"Thinstar Intercept: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.31	0.31	48
	01208-00001	"Thinstar Intercept: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.41	62
	01208-00002	"Thinstar Intercept: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.17	0.37	62
	01208-00003	"Thinstar Intercept: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.30	62
	01208-00004	"Thinstar Intercept: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.27	62
	01208-00005	"Thinstar Intercept: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.18	0.27	62
	01208-00006	"Thinstar Intercept: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.24	62
	01209-00001	"Thinstar Intercept: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.17	0.37	62
	01209-00002	"Thinstar Intercept: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.18	0.27	62
	01209-00003	"Thinstar Intercept: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.24	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01210-00001	"Thinstar Intercept: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.40	49
	01210-00002	"Thinstar Intercept: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.36	49
	01211-00001	"Thinstar Intercept: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.16	0.36	49
	01212-00001	"Thinstar Intercept: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.13	0.24	62
	01212-00002	"Thinstar Intercept: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.12	0.22	62
	01212-00003	"Thinstar Intercept: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.18	62
	01212-00004	"Thinstar Intercept: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.16	62
	01212-00005	"Thinstar Intercept: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.16	62
	01212-00006	"Thinstar Intercept: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.15	62
	01213-00001	"Thinstar Intercept: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.12	0.22	62
	01213-00002	"Thinstar Intercept: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.16	62
	01213-00003	"Thinstar Intercept: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	62
	01214-00001	"Thinstar Intercept: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.12	0.24	49
	01214-00002	"Thinstar Intercept: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.11	0.21	49
	01215-00001	"Thinstar Intercept: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.11	0.21	49
	01216-00001	"Thinstar Intercept: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.33	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01216-00002	"Thinstar Intercept: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.14	0.30	62
	01216-00003	"Thinstar Intercept: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.24	62
	01216-00004	"Thinstar Intercept: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.22	62
	01216-00005	"Thinstar Intercept: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.22	62
	01216-00006	"Thinstar Intercept: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.20	62
	01217-00001	"Thinstar Intercept: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.14	0.30	62
	01217-00002	"Thinstar Intercept: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.18	0.22	62
	01217-00003	"Thinstar Intercept: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.20	62
	01218-00001	"Thinstar Intercept: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.15	0.32	49
	01218-00002	"Thinstar Intercept: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	49
	01219-00001	"Thinstar Intercept: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.13	0.29	49
	01220-00001	"Thinstar Intercept: lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		CL	0.39	0.43	0.50	48
	01220-00002	"Thinstar Intercept: lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.39	0.45	48
	01220-00003	"Thinstar Intercept: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.39	0.36	0.38	48
	01220-00004	"Thinstar Intercept: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.33	0.34	48
	01220-00005	"Thinstar Intercept: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		GY	0.39	0.34	0.34	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01220-00006	"Thinstar Intercept: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.31	0.31	48
	01221-00001	"Thinstar Intercept: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.39	0.45	48
	01221-00002	"Thinstar Intercept: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.33	0.34	48
	01221-00003	"Thinstar Intercept: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.31	0.31	48
	01222-00001	"Thinstar Intercept: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.40	62
	01222-00002	"Thinstar Intercept: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.17	0.36	62
	01222-00003	"Thinstar Intercept: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.30	62
	01222-00004	"Thinstar Intercept: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.27	62
	01222-00005	"Thinstar Intercept: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.18	0.27	62
	01222-00006	"Thinstar Intercept: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.24	62
	01223-00001	"Thinstar Intercept: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.17	0.36	62
	01223-00002	"Thinstar Intercept: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.18	0.27	62
	01223-00003	"Thinstar Intercept: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.24	62
	01224-00001	"Thinstar Intercept: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.39	49
	01224-00002	"Thinstar Intercept: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.35	49
	01225-00001	"Thinstar Intercept: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.16	0.35	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01226-00001	"Thinstar Intercept: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.12	0.24	62
	01226-00002	"Thinstar Intercept: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.12	0.22	62
	01226-00003	"Thinstar Intercept: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.18	62
	01226-00004	"Thinstar Intercept: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.16	62
	01226-00005	"Thinstar Intercept: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.16	62
	01226-00006	"Thinstar Intercept: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.15	62
	01227-00001	"Thinstar Intercept: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.12	0.22	62
	01227-00002	"Thinstar Intercept: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.16	62
	01227-00003	"Thinstar Intercept: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	62
	01228-00001	"Thinstar Intercept: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.12	0.24	49
	01228-00002	"Thinstar Intercept: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.11	0.21	49
	01229-00001	"Thinstar Intercept: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.11	0.21	49
	01230-00001	"Thinstar Intercept: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.33	62
	01230-00002	"Thinstar Intercept: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.14	0.29	62
	01230-00003	"Thinstar Intercept: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.24	62
	01230-00004	"Thinstar Intercept: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.22	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01230-00005	"Thinstar Intercept: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.22	62
	01230-00006	"Thinstar Intercept: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.20	62
	01231-00001	"Thinstar Intercept: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.14	0.29	62
	01231-00002	"Thinstar Intercept: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.18	0.22	62
	01231-00003	"Thinstar Intercept: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.20	62
	01232-00001	"Thinstar Intercept: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.15	0.32	49
	01232-00002	"Thinstar Intercept: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	49
	01233-00001	"Thinstar Intercept: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.13	0.29	49
	01234-00001	"Thinstar Intercept: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: ARG (93)	N		CL	0.27	0.41	0.49	62
	01234-00002	"Thinstar Intercept: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.37	0.45	62
	01235-00001	"Thinstar Intercept: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.27	0.37	0.45	62
	01236-00001	"Thinstar Intercept: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.27	0.40	0.49	60
	01236-00002	"Thinstar Intercept: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.36	0.44	60
	01237-00001	"Thinstar Intercept: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.27	0.36	0.44	60
	01238-00001	"Thinstar Intercept: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.41	0.50	47
	01238-00002	"Thinstar Intercept: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.38	0.45	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01239-00001	"Thinstar Intercept: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.38	0.45	47
	01240-00001	"Thinstar Intercept: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.41	0.50	46
	01240-00002	"Thinstar Intercept: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.37	0.45	46
	01241-00001	"Thinstar Intercept: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.37	0.45	46
	01242-00001	"Thinstar Intercept: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	N		CL	0.40	0.50	0.53	46
	01242-00002	"Thinstar Intercept: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.40	0.46	0.48	46
	01242-00003	"Thinstar Intercept: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	N		BZ	0.40	0.41	0.39	46
	01242-00004	"Thinstar Intercept: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.40	0.37	0.35	46
	01242-00005	"Thinstar Intercept: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	N		GY	0.40	0.38	0.35	46
	01242-00006	"Thinstar Intercept: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.40	0.34	0.32	46
	01243-00001	"Thinstar Intercept: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.46	0.48	46
	01243-00002	"Thinstar Intercept: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.37	0.35	46
	01243-00003	"Thinstar Intercept: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.34	0.32	46
	01244-00001	"Thinstar Intercept: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.18	0.42	59
	01244-00002	"Thinstar Intercept: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.16	0.37	59
	01244-00003	"Thinstar Intercept: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.20	0.31	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01244-00004	"Thinstar Intercept: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.28	59
	01244-00005	"Thinstar Intercept: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.28	59
	01244-00006	"Thinstar Intercept: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.25	59
	01245-00001	"Thinstar Intercept: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.16	0.37	59
	01245-00002	"Thinstar Intercept: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.28	59
	01245-00003	"Thinstar Intercept: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.25	59
	01246-00001	"Thinstar Intercept: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.18	0.41	47
	01246-00002	"Thinstar Intercept: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.37	47
	01247-00001	"Thinstar Intercept: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.16	0.37	47
	01248-00001	"Thinstar Intercept: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.25	59
	01248-00002	"Thinstar Intercept: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	59
	01248-00003	"Thinstar Intercept: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.22	0.18	59
	01248-00004	"Thinstar Intercept: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.20	0.16	59
	01248-00005	"Thinstar Intercept: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.20	0.17	59
	01248-00006	"Thinstar Intercept: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.19	0.15	59
	01249-00001	"Thinstar Intercept: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.11	0.22	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01249-00002	"Thinstar Intercept: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.20	0.16	58
	01249-00003	"Thinstar Intercept: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.19	0.15	58
	01250-00001	"Thinstar Intercept: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.11	0.24	46
	01250-00002	"Thinstar Intercept: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.22	46
	01251-00001	"Thinstar Intercept: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.11	0.22	46
	01252-00001	"Thinstar Intercept: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.15	0.34	59
	01252-00002	"Thinstar Intercept: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.13	0.30	59
	01252-00003	"Thinstar Intercept: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.25	59
	01252-00004	"Thinstar Intercept: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.22	59
	01252-00005	"Thinstar Intercept: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.20	0.22	59
	01252-00006	"Thinstar Intercept: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.20	59
	01253-00001	"Thinstar Intercept: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.13	0.30	59
	01253-00002	"Thinstar Intercept: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.19	0.22	59
	01253-00003	"Thinstar Intercept: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.20	59
	01254-00001	"Thinstar Intercept: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.33	47
	01254-00002	"Thinstar Intercept: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	47

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01255-00001	"Thinstar Intercept: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	47
	01256-00001	"Thinstar Intercept: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	N		CL	0.39	0.49	0.52	48
	01256-00002	"Thinstar Intercept: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	N		BZ	0.39	0.39	0.38	48
	01256-00003	"Thinstar Intercept: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	N		GY	0.39	0.37	0.34	48
	01257-00001	"Thinstar Intercept: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.44	0.47	48
	01257-00002	"Thinstar Intercept: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.36	0.34	48
	01257-00003	"Thinstar Intercept: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.33	0.31	48
	01258-00001	"Thinstar Intercept: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.44	0.47	48
	01258-00002	"Thinstar Intercept: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.36	0.34	48
	01258-00003	"Thinstar Intercept: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.33	0.31	48
	01259-00001	"Thinstar Intercept: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.18	0.41	59
	01259-00002	"Thinstar Intercept: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.20	0.30	59
	01259-00003	"Thinstar Intercept: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.27	59
	01260-00001	"Thinstar Intercept: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.16	0.37	59
	01260-00002	"Thinstar Intercept: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.27	59

NFRC Product Certification Authorization Report

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Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01260-00003	"Thinstar Intercept: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.24	59
	01261-00001	"Thinstar Intercept: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.16	0.37	59
	01261-00002	"Thinstar Intercept: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.27	59
	01261-00003	"Thinstar Intercept: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.24	59
	01262-00001	"Thinstar Intercept: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.17	0.40	46
	01263-00001	"Thinstar Intercept: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.36	46
	01264-00001	"Thinstar Intercept: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.16	0.36	46
	01265-00001	"Thinstar Intercept: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.24	58
	01265-00002	"Thinstar Intercept: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.22	0.18	58
	01265-00003	"Thinstar Intercept: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.20	0.16	58
	01266-00001	"Thinstar Intercept: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	58
	01266-00002	"Thinstar Intercept: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.20	0.16	58
	01266-00003	"Thinstar Intercept: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	58
	01267-00001	"Thinstar Intercept: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.11	0.22	58

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01267-00002	"Thinstar Intercept: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.20	0.16	58
	01267-00003	"Thinstar Intercept: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.15	58
	01268-00001	"Thinstar Intercept: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.11	0.24	46
	01269-00001	"Thinstar Intercept: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.21	46
	01270-00001	"Thinstar Intercept: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.11	0.21	46
	01271-00001	"Thinstar Intercept: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.14	0.33	59
	01271-00002	"Thinstar Intercept: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.24	59
	01271-00003	"Thinstar Intercept: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.20	0.22	59
	01272-00001	"Thinstar Intercept: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.13	0.30	59
	01272-00002	"Thinstar Intercept: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.22	59
	01272-00003	"Thinstar Intercept: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.20	59
	01273-00001	"Thinstar Intercept: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.13	0.30	59
	01273-00002	"Thinstar Intercept: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.19	0.22	59
	01273-00003	"Thinstar Intercept: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.20	59

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01274-00001	"Thinstar Intercept: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.32	46
	01275-00001	"Thinstar Intercept: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	46
	01276-00001	"Thinstar Intercept: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.13	0.29	46
	01277-00001	"Thinstar Intercept: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		CL	0.39	0.44	0.51	48
	01277-00002	"Thinstar Intercept: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.40	0.46	48
	01277-00003	"Thinstar Intercept: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.39	0.36	0.38	48
	01277-00004	"Thinstar Intercept: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.33	0.34	48
	01277-00005	"Thinstar Intercept: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		GY	0.39	0.34	0.34	48
	01277-00006	"Thinstar Intercept: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.30	0.31	48
	01278-00001	"Thinstar Intercept: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.40	0.46	48
	01278-00002	"Thinstar Intercept: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.33	0.34	48
	01278-00003	"Thinstar Intercept: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.30	0.31	48
	01279-00001	"Thinstar Intercept: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.18	0.41	61
	01279-00002	"Thinstar Intercept: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.17	0.37	61
	01279-00003	"Thinstar Intercept: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.19	0.30	61
	01279-00004	"Thinstar Intercept: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.27	61

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01279-00005	"Thinstar Intercept: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.18	0.27	61
	01279-00006	"Thinstar Intercept: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.24	61
	01280-00001	"Thinstar Intercept: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.17	0.37	60
	01280-00002	"Thinstar Intercept: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.27	60
	01280-00003	"Thinstar Intercept: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.24	60
	01281-00001	"Thinstar Intercept: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.18	0.40	48
	01281-00002	"Thinstar Intercept: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.36	48
	01282-00001	"Thinstar Intercept: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.16	0.36	48
	01283-00001	"Thinstar Intercept: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.24	60
	01283-00002	"Thinstar Intercept: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.12	0.22	60
	01283-00003	"Thinstar Intercept: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.18	60
	01283-00004	"Thinstar Intercept: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.16	60
	01283-00005	"Thinstar Intercept: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.16	60
	01283-00006	"Thinstar Intercept: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	60
	01284-00001	"Thinstar Intercept: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.12	0.22	60
	01284-00002	"Thinstar Intercept: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.19	0.16	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01284-00003	"Thinstar Intercept: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.15	60
	01285-00001	"Thinstar Intercept: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.12	0.24	48
	01285-00002	"Thinstar Intercept: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.21	48
	01286-00001	"Thinstar Intercept: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.11	0.21	48
	01287-00001	"Thinstar Intercept: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.15	0.33	61
	01287-00002	"Thinstar Intercept: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.14	0.30	61
	01287-00003	"Thinstar Intercept: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.20	0.24	61
	01287-00004	"Thinstar Intercept: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.22	61
	01287-00005	"Thinstar Intercept: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.22	61
	01287-00006	"Thinstar Intercept: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.20	61
	01288-00001	"Thinstar Intercept: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.14	0.30	60
	01288-00002	"Thinstar Intercept: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.22	60
	01288-00003	"Thinstar Intercept: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.20	60
	01289-00001	"Thinstar Intercept: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.32	48
	01289-00002	"Thinstar Intercept: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	48
	01290-00001	"Thinstar Intercept: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.13	0.29	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01291-00001	"Thinstar Intercept: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		CL	0.39	0.43	0.50	48
	01291-00002	"Thinstar Intercept: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.39	0.45	48
	01291-00003	"Thinstar Intercept: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.39	0.36	0.38	48
	01291-00004	"Thinstar Intercept: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.33	0.34	48
	01291-00005	"Thinstar Intercept: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		GY	0.39	0.34	0.34	48
	01291-00006	"Thinstar Intercept: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.30	0.31	48
	01292-00001	"Thinstar Intercept: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.39	0.45	48
	01292-00002	"Thinstar Intercept: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.33	0.34	48
	01292-00003	"Thinstar Intercept: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.30	0.31	48
	01293-00001	"Thinstar Intercept: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.18	0.40	61
	01293-00002	"Thinstar Intercept: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.16	0.36	61
	01293-00003	"Thinstar Intercept: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.19	0.30	61
	01293-00004	"Thinstar Intercept: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.27	61
	01293-00005	"Thinstar Intercept: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.18	0.27	61
	01293-00006	"Thinstar Intercept: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.24	61
	01294-00001	"Thinstar Intercept: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.16	0.36	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01294-00002	"Thinstar Intercept: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.27	60
	01294-00003	"Thinstar Intercept: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.24	60
	01295-00001	"Thinstar Intercept: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.17	0.39	48
	01295-00002	"Thinstar Intercept: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.35	48
	01296-00001	"Thinstar Intercept: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.16	0.35	48
	01297-00001	"Thinstar Intercept: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.24	60
	01297-00002	"Thinstar Intercept: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	60
	01297-00003	"Thinstar Intercept: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.18	60
	01297-00004	"Thinstar Intercept: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.16	60
	01297-00005	"Thinstar Intercept: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.16	60
	01297-00006	"Thinstar Intercept: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	60
	01298-00001	"Thinstar Intercept: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.11	0.22	60
	01298-00002	"Thinstar Intercept: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.19	0.16	60
	01298-00003	"Thinstar Intercept: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.15	60
	01299-00001	"Thinstar Intercept: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.12	0.24	48
	01299-00002	"Thinstar Intercept: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.21	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01300-00001	"Thinstar Intercept: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.11	0.21	48
	01301-00001	"Thinstar Intercept: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.15	0.33	61
	01301-00002	"Thinstar Intercept: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.14	0.29	61
	01301-00003	"Thinstar Intercept: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.20	0.24	61
	01301-00004	"Thinstar Intercept: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.22	61
	01301-00005	"Thinstar Intercept: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.22	61
	01301-00006	"Thinstar Intercept: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.20	61
	01302-00001	"Thinstar Intercept: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.14	0.29	60
	01302-00002	"Thinstar Intercept: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.22	60
	01302-00003	"Thinstar Intercept: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.20	60
	01303-00001	"Thinstar Intercept: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.32	48
	01303-00002	"Thinstar Intercept: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	48
	01304-00001	"Thinstar Intercept: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.13	0.29	48
	01305-00001	"Thinstar Intercept: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: KRY (80)	N		CL	0.27	0.41	0.49	60
	01305-00002	"Thinstar Intercept: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.27	0.37	0.45	60
	01306-00001	"Thinstar Intercept: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.37	0.45	60

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01307-00001	"Thinstar Intercept: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.27	0.40	0.49	59
	01307-00002	"Thinstar Intercept: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.27	0.36	0.44	59
	01308-00001	"Thinstar Intercept: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.36	0.44	59
	01309-00001	"Thinstar Intercept: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: KRY (80)	N		CL	0.24	0.41	0.50	46
	01309-00002	"Thinstar Intercept: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.24	0.38	0.45	46
	01310-00001	"Thinstar Intercept: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.38	0.45	46
	01311-00001	"Thinstar Intercept: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.24	0.41	0.50	45
	01311-00002	"Thinstar Intercept: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.24	0.37	0.45	45
	01312-00001	"Thinstar Intercept: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.37	0.45	45
	01313-00001	"Tinplate Intercept: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	N		CL	0.42	0.50	0.53	44
	01313-00002	"Tinplate Intercept: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.42	0.46	0.48	44
	01313-00003	"Tinplate Intercept: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	N		BZ	0.42	0.41	0.39	44
	01313-00004	"Tinplate Intercept: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.42	0.37	0.35	44
	01313-00005	"Tinplate Intercept: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	N		GY	0.42	0.38	0.35	44
	01313-00006	"Tinplate Intercept: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.42	0.34	0.32	44
	01314-00001	"Tinplate Intercept: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.41	0.46	0.48	44

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01314-00002	"Tinplate Intercept: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.41	0.37	0.35	44
	01314-00003	"Tinplate Intercept: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.41	0.34	0.32	44
	01315-00001	"Tinplate Intercept: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.18	0.42	56
	01315-00002	"Tinplate Intercept: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	56
	01315-00003	"Tinplate Intercept: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.31	56
	01315-00004	"Tinplate Intercept: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.28	56
	01315-00005	"Tinplate Intercept: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.28	56
	01315-00006	"Tinplate Intercept: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.25	56
	01316-00001	"Tinplate Intercept: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.37	56
	01316-00002	"Tinplate Intercept: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.28	56
	01316-00003	"Tinplate Intercept: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.25	56
	01317-00001	"Tinplate Intercept: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.18	0.41	43
	01317-00002	"Tinplate Intercept: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.16	0.37	43
	01318-00001	"Tinplate Intercept: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.16	0.37	43
	01319-00001	"Tinplate Intercept: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.30	0.12	0.25	56
	01319-00002	"Tinplate Intercept: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.12	0.22	56

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01319-00003	"Tinplate Intercept: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	N		BZ	0.30	0.22	0.18	56
	01319-00004	"Tinplate Intercept: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.30	0.20	0.16	56
	01319-00005	"Tinplate Intercept: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	N		GY	0.30	0.20	0.17	56
	01319-00006	"Tinplate Intercept: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.30	0.19	0.15	56
	01320-00001	"Tinplate Intercept: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.12	0.22	55
	01320-00002	"Tinplate Intercept: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.20	0.16	55
	01320-00003	"Tinplate Intercept: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.19	0.15	55
	01321-00001	"Tinplate Intercept: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.12	0.24	43
	01321-00002	"Tinplate Intercept: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.11	0.22	43
	01322-00001	"Tinplate Intercept: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.22	42
	01323-00001	"Tinplate Intercept: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.15	0.34	56
	01323-00002	"Tinplate Intercept: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	56
	01323-00003	"Tinplate Intercept: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.25	56
	01323-00004	"Tinplate Intercept: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	56
	01323-00005	"Tinplate Intercept: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.22	56
	01323-00006	"Tinplate Intercept: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	56

NFRC Product Certification Authorization Report

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01324-00001	"Tinplate Intercept: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.14	0.30	56
	01324-00002	"Tinplate Intercept: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.22	56
	01324-00003	"Tinplate Intercept: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.20	56
	01325-00001	"Tinplate Intercept: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.15	0.33	43
	01325-00002	"Tinplate Intercept: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.13	0.29	43
	01326-00001	"Tinplate Intercept: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.13	0.29	43
	01327-00001	"Tinplate Intercept: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	N		CL	0.41	0.49	0.52	45
	01327-00002	"Tinplate Intercept: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	N		BZ	0.41	0.39	0.38	45
	01327-00003	"Tinplate Intercept: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	N		GY	0.41	0.37	0.34	45
	01328-00001	"Tinplate Intercept: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.41	0.44	0.47	45
	01328-00002	"Tinplate Intercept: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.41	0.36	0.34	45
	01328-00003	"Tinplate Intercept: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.41	0.33	0.31	45
	01329-00001	"Tinplate Intercept: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.41	0.44	0.47	45
	01329-00002	"Tinplate Intercept: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.41	0.36	0.34	45
	01329-00003	"Tinplate Intercept: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.41	0.33	0.31	45
	01330-00001	"Tinplate Intercept: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.18	0.41	55

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01330-00002	"Tinplate Intercept: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.30	55
	01330-00003	"Tinplate Intercept: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.27	55
	01331-00001	"Tinplate Intercept: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.17	0.37	55
	01331-00002	"Tinplate Intercept: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.30	0.19	0.27	55
	01331-00003	"Tinplate Intercept: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.30	0.18	0.24	55
	01332-00001	"Tinplate Intercept: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.30	0.17	0.37	55
	01332-00002	"Tinplate Intercept: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.30	0.19	0.27	55
	01332-00003	"Tinplate Intercept: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.30	0.18	0.24	55
	01333-00001	"Tinplate Intercept: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.18	0.40	42
	01334-00001	"Tinplate Intercept: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.16	0.36	42
	01335-00001	"Tinplate Intercept: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.16	0.36	42
	01336-00001	"Tinplate Intercept: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.30	0.12	0.24	55
	01336-00002	"Tinplate Intercept: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	N		BZ	0.30	0.21	0.18	55
	01336-00003	"Tinplate Intercept: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	N		GY	0.30	0.20	0.16	55
	01337-00001	"Tinplate Intercept: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.11	0.22	55
	01337-00002	"Tinplate Intercept: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.30	0.20	0.16	55

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01337-00003	"Tinplate Intercept: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.30	0.18	0.15	55
	01338-00001	"Tinplate Intercept: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.30	0.11	0.22	55
	01338-00002	"Tinplate Intercept: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.30	0.20	0.16	55
	01338-00003	"Tinplate Intercept: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.30	0.18	0.15	55
	01339-00001	"Tinplate Intercept: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.12	0.24	42
	01340-00001	"Tinplate Intercept: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.11	0.21	42
	01341-00001	"Tinplate Intercept: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.11	0.21	42
	01342-00001	"Tinplate Intercept: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.15	0.33	55
	01342-00002	"Tinplate Intercept: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.24	55
	01342-00003	"Tinplate Intercept: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.22	55
	01343-00001	"Tinplate Intercept: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.14	0.30	55
	01343-00002	"Tinplate Intercept: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.30	0.19	0.22	55
	01343-00003	"Tinplate Intercept: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.30	0.18	0.20	55
	01344-00001	"Tinplate Intercept: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.30	0.14	0.30	55
	01344-00002	"Tinplate Intercept: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.30	0.19	0.22	55
	01344-00003	"Tinplate Intercept: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.30	0.18	0.20	55

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01345-00001	"Tinplate Intercept: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.15	0.32	42
	01346-00001	"Tinplate Intercept: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.13	0.29	42
	01347-00001	"Tinplate Intercept: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.13	0.29	42
	01348-00001	"Tinplate Intercept: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		CL	0.41	0.44	0.51	46
	01348-00002	"Tinplate Intercept: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.41	0.40	0.46	46
	01348-00003	"Tinplate Intercept: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.41	0.36	0.38	46
	01348-00004	"Tinplate Intercept: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.41	0.33	0.34	46
	01348-00005	"Tinplate Intercept: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		GY	0.41	0.34	0.34	46
	01348-00006	"Tinplate Intercept: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.41	0.31	0.31	46
	01349-00001	"Tinplate Intercept: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.41	0.40	0.46	46
	01349-00002	"Tinplate Intercept: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.41	0.33	0.34	46
	01349-00003	"Tinplate Intercept: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.41	0.31	0.31	46
	01350-00001	"Tinplate Intercept: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.19	0.41	58
	01350-00002	"Tinplate Intercept: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	58
	01350-00003	"Tinplate Intercept: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.30	58
	01350-00004	"Tinplate Intercept: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.18	0.27	58

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01350-00005	"Tinplate Intercept: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.27	58
	01350-00006	"Tinplate Intercept: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.17	0.24	58
	01351-00001	"Tinplate Intercept: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.37	58
	01351-00002	"Tinplate Intercept: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.18	0.27	58
	01351-00003	"Tinplate Intercept: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.17	0.24	58
	01352-00001	"Tinplate Intercept: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.18	0.40	45
	01352-00002	"Tinplate Intercept: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.17	0.36	45
	01353-00001	"Tinplate Intercept: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.17	0.36	45
	01354-00001	"Tinplate Intercept: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.13	0.24	58
	01354-00002	"Tinplate Intercept: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.12	0.22	58
	01354-00003	"Tinplate Intercept: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	58
	01354-00004	"Tinplate Intercept: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.16	58
	01354-00005	"Tinplate Intercept: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	58
	01354-00006	"Tinplate Intercept: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	58
	01355-00001	"Tinplate Intercept: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.12	0.22	58
	01355-00002	"Tinplate Intercept: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.16	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01355-00003	"Tinplate Intercept: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.15	58
	01356-00001	"Tinplate Intercept: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.12	0.24	45
	01356-00002	"Tinplate Intercept: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.12	0.21	45
	01357-00001	"Tinplate Intercept: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.12	0.21	44
	01358-00001	"Tinplate Intercept: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.16	0.33	58
	01358-00002	"Tinplate Intercept: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	58
	01358-00003	"Tinplate Intercept: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.24	58
	01358-00004	"Tinplate Intercept: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	58
	01358-00005	"Tinplate Intercept: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.22	58
	01358-00006	"Tinplate Intercept: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	58
	01359-00001	"Tinplate Intercept: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.14	0.30	58
	01359-00002	"Tinplate Intercept: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.22	58
	01359-00003	"Tinplate Intercept: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.20	58
	01360-00001	"Tinplate Intercept: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.15	0.32	45
	01360-00002	"Tinplate Intercept: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.14	0.29	45
	01361-00001	"Tinplate Intercept: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.14	0.29	45

NFRC Product Certification Authorization Report

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Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01362-00001	"Tinplate Intercept: lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		CL	0.41	0.43	0.50	46
	01362-00002	"Tinplate Intercept: lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.41	0.39	0.45	46
	01362-00003	"Tinplate Intercept: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.41	0.36	0.38	46
	01362-00004	"Tinplate Intercept: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.41	0.33	0.34	46
	01362-00005	"Tinplate Intercept: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	N		GY	0.41	0.34	0.34	46
	01362-00006	"Tinplate Intercept: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.41	0.31	0.31	46
	01363-00001	"Tinplate Intercept: lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.40	0.39	0.45	46
	01363-00002	"Tinplate Intercept: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.33	0.34	46
	01363-00003	"Tinplate Intercept: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.40	0.31	0.31	46
	01364-00001	"Tinplate Intercept: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.19	0.40	58
	01364-00002	"Tinplate Intercept: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.36	58
	01364-00003	"Tinplate Intercept: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.30	58
	01364-00004	"Tinplate Intercept: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.18	0.27	58
	01364-00005	"Tinplate Intercept: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.27	58
	01364-00006	"Tinplate Intercept: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.17	0.24	58
	01365-00001	"Tinplate Intercept: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.36	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01365-00002	"Tinplate Intercept: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.18	0.27	58
	01365-00003	"Tinplate Intercept: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.17	0.24	58
	01366-00001	"Tinplate Intercept: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.18	0.39	45
	01366-00002	"Tinplate Intercept: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.16	0.35	45
	01367-00001	"Tinplate Intercept: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.16	0.35	45
	01368-00001	"Tinplate Intercept: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.13	0.24	58
	01368-00002	"Tinplate Intercept: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.12	0.22	58
	01368-00003	"Tinplate Intercept: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	58
	01368-00004	"Tinplate Intercept: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.16	58
	01368-00005	"Tinplate Intercept: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	58
	01368-00006	"Tinplate Intercept: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	58
	01369-00001	"Tinplate Intercept: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.12	0.22	58
	01369-00002	"Tinplate Intercept: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.16	58
	01369-00003	"Tinplate Intercept: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.15	58
	01370-00001	"Tinplate Intercept: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.12	0.24	45
	01370-00002	"Tinplate Intercept: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.11	0.21	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01371-00001	"Tinplate Intercept: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.21	44
	01372-00001	"Tinplate Intercept: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.29	0.16	0.33	58
	01372-00002	"Tinplate Intercept: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.29	58
	01372-00003	"Tinplate Intercept: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.24	58
	01372-00004	"Tinplate Intercept: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	58
	01372-00005	"Tinplate Intercept: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.22	58
	01372-00006	"Tinplate Intercept: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	58
	01373-00001	"Tinplate Intercept: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.14	0.29	58
	01373-00002	"Tinplate Intercept: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.22	58
	01373-00003	"Tinplate Intercept: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.20	58
	01374-00001	"Tinplate Intercept: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.15	0.32	45
	01374-00002	"Tinplate Intercept: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.14	0.29	45
	01375-00001	"Tinplate Intercept: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.14	0.29	45
	01376-00001	"Tinplate Intercept: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: AIR (100)	N		CL	0.30	0.41	0.49	57
	01376-00002	"Tinplate Intercept: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.37	0.45	57
	01377-00001	"Tinplate Intercept: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.30	0.37	0.45	57

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01378-00001	"Tinplate Intercept: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.30	0.40	0.49	56
	01378-00002	"Tinplate Intercept: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.36	0.44	56
	01379-00001	"Tinplate Intercept: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.30	0.36	0.44	56
	01380-00001	"Tinplate Intercept: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.41	0.50	43
	01380-00002	"Tinplate Intercept: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.37	0.45	43
	01381-00001	"Tinplate Intercept: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.37	0.45	43
	01382-00001	"Tinplate Intercept: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.40	0.50	42
	01382-00002	"Tinplate Intercept: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.37	0.45	42
	01383-00001	"Tinplate Intercept: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.37	0.45	42
	01384-00001	"Tinplate Intercept: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	N		CL	0.40	0.50	0.53	46
	01384-00002	"Tinplate Intercept: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.40	0.46	0.48	46
	01384-00003	"Tinplate Intercept: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	N		BZ	0.40	0.41	0.39	46
	01384-00004	"Tinplate Intercept: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.40	0.37	0.35	46
	01384-00005	"Tinplate Intercept: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	N		GY	0.40	0.38	0.35	46
	01384-00006	"Tinplate Intercept: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.40	0.34	0.32	46
	01385-00001	"Tinplate Intercept: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.40	0.46	0.48	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01385-00002	"Tinplate Intercept: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.40	0.37	0.35	46
	01385-00003	"Tinplate Intercept: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.40	0.34	0.32	46
	01386-00001	"Tinplate Intercept: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.42	60
	01386-00002	"Tinplate Intercept: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.17	0.37	60
	01386-00003	"Tinplate Intercept: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.31	60
	01386-00004	"Tinplate Intercept: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.28	60
	01386-00005	"Tinplate Intercept: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.28	60
	01386-00006	"Tinplate Intercept: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.25	60
	01387-00001	"Tinplate Intercept: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.17	0.37	60
	01387-00002	"Tinplate Intercept: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.28	60
	01387-00003	"Tinplate Intercept: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.25	60
	01388-00001	"Tinplate Intercept: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.41	47
	01388-00002	"Tinplate Intercept: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.37	47
	01389-00001	"Tinplate Intercept: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.16	0.37	47
	01390-00001	"Tinplate Intercept: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.27	0.12	0.25	60
	01390-00002	"Tinplate Intercept: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.11	0.22	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01390-00003	"Tinplate Intercept: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	N		BZ	0.27	0.22	0.18	60
	01390-00004	"Tinplate Intercept: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.27	0.20	0.16	60
	01390-00005	"Tinplate Intercept: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	N		GY	0.27	0.20	0.17	60
	01390-00006	"Tinplate Intercept: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.27	0.19	0.15	60
	01391-00001	"Tinplate Intercept: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.11	0.22	60
	01391-00002	"Tinplate Intercept: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.20	0.16	60
	01391-00003	"Tinplate Intercept: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.19	0.15	60
	01392-00001	"Tinplate Intercept: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	47
	01392-00002	"Tinplate Intercept: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.22	47
	01393-00001	"Tinplate Intercept: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.11	0.22	47
	01394-00001	"Tinplate Intercept: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.34	60
	01394-00002	"Tinplate Intercept: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.14	0.30	60
	01394-00003	"Tinplate Intercept: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.25	60
	01394-00004	"Tinplate Intercept: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.22	60
	01394-00005	"Tinplate Intercept: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.22	60
	01394-00006	"Tinplate Intercept: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.20	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01395-00001	"Tinplate Intercept: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.14	0.30	60
	01395-00002	"Tinplate Intercept: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.22	60
	01395-00003	"Tinplate Intercept: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.20	60
	01396-00001	"Tinplate Intercept: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.14	0.33	47
	01396-00002	"Tinplate Intercept: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	47
	01397-00001	"Tinplate Intercept: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.13	0.29	47
	01398-00001	"Tinplate Intercept: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	N		CL	0.39	0.49	0.52	46
	01398-00002	"Tinplate Intercept: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	N		BZ	0.39	0.39	0.38	46
	01398-00003	"Tinplate Intercept: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	N		GY	0.39	0.37	0.34	46
	01399-00001	"Tinplate Intercept: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.44	0.47	46
	01399-00002	"Tinplate Intercept: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.36	0.34	46
	01399-00003	"Tinplate Intercept: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.33	0.31	46
	01400-00001	"Tinplate Intercept: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.44	0.47	46
	01400-00002	"Tinplate Intercept: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.36	0.34	46
	01400-00003	"Tinplate Intercept: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.33	0.31	46
	01401-00001	"Tinplate Intercept: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.41	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01401-00002	"Tinplate Intercept: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.30	59
	01401-00003	"Tinplate Intercept: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.27	59
	01402-00001	"Tinplate Intercept: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.16	0.37	59
	01402-00002	"Tinplate Intercept: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.27	0.19	0.27	59
	01402-00003	"Tinplate Intercept: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.27	0.17	0.24	59
	01403-00001	"Tinplate Intercept: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.27	0.16	0.37	59
	01403-00002	"Tinplate Intercept: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.27	0.19	0.27	59
	01403-00003	"Tinplate Intercept: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.27	0.17	0.24	59
	01404-00001	"Tinplate Intercept: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.40	46
	01405-00001	"Tinplate Intercept: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.36	46
	01406-00001	"Tinplate Intercept: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.16	0.36	46
	01407-00001	"Tinplate Intercept: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.12	0.24	59
	01407-00002	"Tinplate Intercept: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.22	0.18	59
	01407-00003	"Tinplate Intercept: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.16	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01408-00001	"Tinplate Intercept: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.11	0.22	59
	01408-00002	"Tinplate Intercept: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.27	0.20	0.16	59
	01408-00003	"Tinplate Intercept: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.27	0.18	0.15	59
	01409-00001	"Tinplate Intercept: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.27	0.11	0.22	59
	01409-00002	"Tinplate Intercept: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.27	0.20	0.16	59
	01409-00003	"Tinplate Intercept: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.27	0.18	0.15	59
	01410-00001	"Tinplate Intercept: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	46
	01411-00001	"Tinplate Intercept: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.11	0.21	46
	01412-00001	"Tinplate Intercept: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.11	0.21	46
	01413-00001	"Tinplate Intercept: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.33	59
	01413-00002	"Tinplate Intercept: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.24	59
	01413-00003	"Tinplate Intercept: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.22	59
	01414-00001	"Tinplate Intercept: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.13	0.30	59
	01414-00002	"Tinplate Intercept: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.27	0.19	0.22	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01414-00003	"Tinplate Intercept: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.27	0.18	0.20	59
	01415-00001	"Tinplate Intercept: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.27	0.13	0.30	59
	01415-00002	"Tinplate Intercept: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.27	0.19	0.22	59
	01415-00003	"Tinplate Intercept: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.27	0.18	0.20	59
	01416-00001	"Tinplate Intercept: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.14	0.32	46
	01417-00001	"Tinplate Intercept: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	46
	01418-00001	"Tinplate Intercept: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.13	0.29	46
	01419-00001	"Tinplate Intercept: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		CL	0.40	0.44	0.51	48
	01419-00002	"Tinplate Intercept: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.40	0.40	0.46	48
	01419-00003	"Tinplate Intercept: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.40	0.36	0.38	48
	01419-00004	"Tinplate Intercept: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.40	0.33	0.34	48
	01419-00005	"Tinplate Intercept: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		GY	0.40	0.34	0.34	48
	01419-00006	"Tinplate Intercept: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.40	0.31	0.31	48
	01420-00001	"Tinplate Intercept: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.40	0.46	48
	01420-00002	"Tinplate Intercept: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.33	0.34	48
	01420-00003	"Tinplate Intercept: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.31	0.31	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01421-00001	"Tinplate Intercept: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.41	62
	01421-00002	"Tinplate Intercept: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.17	0.37	62
	01421-00003	"Tinplate Intercept: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.30	62
	01421-00004	"Tinplate Intercept: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.27	62
	01421-00005	"Tinplate Intercept: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.18	0.27	62
	01421-00006	"Tinplate Intercept: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.24	62
	01422-00001	"Tinplate Intercept: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.17	0.37	62
	01422-00002	"Tinplate Intercept: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.18	0.27	62
	01422-00003	"Tinplate Intercept: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.24	62
	01423-00001	"Tinplate Intercept: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.40	49
	01423-00002	"Tinplate Intercept: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.36	49
	01424-00001	"Tinplate Intercept: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.16	0.36	49
	01425-00001	"Tinplate Intercept: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.27	0.13	0.24	62
	01425-00002	"Tinplate Intercept: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.12	0.22	62
	01425-00003	"Tinplate Intercept: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.27	0.21	0.18	62
	01425-00004	"Tinplate Intercept: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.27	0.19	0.16	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01425-00005	"Tinplate Intercept: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.27	0.19	0.16	62
	01425-00006	"Tinplate Intercept: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.27	0.18	0.15	62
	01426-00001	"Tinplate Intercept: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.12	0.22	62
	01426-00002	"Tinplate Intercept: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.16	62
	01426-00003	"Tinplate Intercept: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	62
	01427-00001	"Tinplate Intercept: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.12	0.24	49
	01427-00002	"Tinplate Intercept: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.11	0.21	49
	01428-00001	"Tinplate Intercept: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.11	0.21	49
	01429-00001	"Tinplate Intercept: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.33	62
	01429-00002	"Tinplate Intercept: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.14	0.30	62
	01429-00003	"Tinplate Intercept: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.24	62
	01429-00004	"Tinplate Intercept: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.22	62
	01429-00005	"Tinplate Intercept: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.22	62
	01429-00006	"Tinplate Intercept: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.20	62
	01430-00001	"Tinplate Intercept: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.14	0.30	62
	01430-00002	"Tinplate Intercept: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.18	0.22	62

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01430-00003	"Tinplate Intercept: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.20	62
	01431-00001	"Tinplate Intercept: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.15	0.32	49
	01431-00002	"Tinplate Intercept: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	49
	01432-00001	"Tinplate Intercept: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.13	0.29	49
	01433-00001	"Tinplate Intercept: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		CL	0.39	0.43	0.50	48
	01433-00002	"Tinplate Intercept: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.39	0.45	48
	01433-00003	"Tinplate Intercept: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.39	0.36	0.38	48
	01433-00004	"Tinplate Intercept: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.33	0.34	48
	01433-00005	"Tinplate Intercept: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	N		GY	0.39	0.34	0.34	48
	01433-00006	"Tinplate Intercept: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.31	0.31	48
	01434-00001	"Tinplate Intercept: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.39	0.45	48
	01434-00002	"Tinplate Intercept: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.33	0.34	48
	01434-00003	"Tinplate Intercept: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.31	0.31	48
	01435-00001	"Tinplate Intercept: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.40	62
	01435-00002	"Tinplate Intercept: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.17	0.36	62
	01435-00003	"Tinplate Intercept: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.30	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01435-00004	"Tinplate Intercept: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.27	62
	01435-00005	"Tinplate Intercept: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.18	0.27	62
	01435-00006	"Tinplate Intercept: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.24	62
	01436-00001	"Tinplate Intercept: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.17	0.36	62
	01436-00002	"Tinplate Intercept: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.18	0.27	62
	01436-00003	"Tinplate Intercept: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.24	62
	01437-00001	"Tinplate Intercept: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.39	49
	01437-00002	"Tinplate Intercept: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.35	49
	01438-00001	"Tinplate Intercept: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.16	0.35	49
	01439-00001	"Tinplate Intercept: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.27	0.12	0.24	62
	01439-00002	"Tinplate Intercept: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.12	0.22	62
	01439-00003	"Tinplate Intercept: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.27	0.21	0.18	62
	01439-00004	"Tinplate Intercept: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.27	0.19	0.16	62
	01439-00005	"Tinplate Intercept: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.27	0.19	0.16	62
	01439-00006	"Tinplate Intercept: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.27	0.18	0.15	62
	01440-00001	"Tinplate Intercept: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.12	0.22	62

NFRC Product Certification Authorization Report

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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01440-00002	"Tinplate Intercept: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.16	62
	01440-00003	"Tinplate Intercept: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	62
	01441-00001	"Tinplate Intercept: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.12	0.24	49
	01441-00002	"Tinplate Intercept: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.11	0.21	49
	01442-00001	"Tinplate Intercept: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.11	0.21	49
	01443-00001	"Tinplate Intercept: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.33	62
	01443-00002	"Tinplate Intercept: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.14	0.29	62
	01443-00003	"Tinplate Intercept: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.24	62
	01443-00004	"Tinplate Intercept: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.22	62
	01443-00005	"Tinplate Intercept: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.22	62
	01443-00006	"Tinplate Intercept: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.20	62
	01444-00001	"Tinplate Intercept: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.14	0.29	62
	01444-00002	"Tinplate Intercept: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.18	0.22	62
	01444-00003	"Tinplate Intercept: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.20	62
	01445-00001	"Tinplate Intercept: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	N		CL	0.23	0.15	0.32	49
	01445-00002	"Tinplate Intercept: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01446-00001	"Tinplate Intercept: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.13	0.29	49
	01447-00001	"Tinplate Intercept: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: ARG (93)	N		CL	0.27	0.41	0.49	61
	01447-00002	"Tinplate Intercept: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.37	0.45	61
	01448-00001	"Tinplate Intercept: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.27	0.37	0.45	61
	01449-00001	"Tinplate Intercept: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.27	0.40	0.49	60
	01449-00002	"Tinplate Intercept: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.27	0.36	0.44	60
	01450-00001	"Tinplate Intercept: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.27	0.36	0.44	60
	01451-00001	"Tinplate Intercept: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.41	0.50	47
	01451-00002	"Tinplate Intercept: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.38	0.45	47
	01452-00001	"Tinplate Intercept: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.38	0.45	47
	01453-00001	"Tinplate Intercept: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.41	0.50	46
	01453-00002	"Tinplate Intercept: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.37	0.45	46
	01454-00001	"Tinplate Intercept: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.37	0.45	46
	01455-00001	"Tinplate Intercept: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	N		CL	0.40	0.50	0.53	46
	01455-00002	"Tinplate Intercept: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.40	0.46	0.48	46
	01455-00003	"Tinplate Intercept: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	N		BZ	0.40	0.41	0.39	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01455-00004	"Tinplate Intercept: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.40	0.37	0.35	46
	01455-00005	"Tinplate Intercept: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	N		GY	0.40	0.38	0.35	46
	01455-00006	"Tinplate Intercept: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.40	0.34	0.32	46
	01456-00001	"Tinplate Intercept: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.46	0.48	46
	01456-00002	"Tinplate Intercept: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.37	0.35	46
	01456-00003	"Tinplate Intercept: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.34	0.32	46
	01457-00001	"Tinplate Intercept: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.18	0.42	59
	01457-00002	"Tinplate Intercept: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.16	0.37	59
	01457-00003	"Tinplate Intercept: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.20	0.31	59
	01457-00004	"Tinplate Intercept: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.28	59
	01457-00005	"Tinplate Intercept: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.28	59
	01457-00006	"Tinplate Intercept: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.25	59
	01458-00001	"Tinplate Intercept: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.16	0.37	58
	01458-00002	"Tinplate Intercept: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.28	58
	01458-00003	"Tinplate Intercept: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.25	58
	01459-00001	"Tinplate Intercept: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.18	0.41	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01459-00002	"Tinplate Intercept: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.37	47
	01460-00001	"Tinplate Intercept: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.16	0.37	46
	01461-00001	"Tinplate Intercept: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.25	58
	01461-00002	"Tinplate Intercept: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	58
	01461-00003	"Tinplate Intercept: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.22	0.18	58
	01461-00004	"Tinplate Intercept: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.20	0.16	58
	01461-00005	"Tinplate Intercept: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.20	0.17	58
	01461-00006	"Tinplate Intercept: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.19	0.15	58
	01462-00001	"Tinplate Intercept: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.11	0.22	58
	01462-00002	"Tinplate Intercept: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.20	0.16	58
	01462-00003	"Tinplate Intercept: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.19	0.15	58
	01463-00001	"Tinplate Intercept: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.11	0.24	46
	01463-00002	"Tinplate Intercept: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.22	46
	01464-00001	"Tinplate Intercept: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.11	0.22	46
	01465-00001	"Tinplate Intercept: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.15	0.34	59
	01465-00002	"Tinplate Intercept: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.13	0.30	59

NFRC Product Certification Authorization Report

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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01465-00003	"Tinplate Intercept: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.25	59
	01465-00004	"Tinplate Intercept: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.22	59
	01465-00005	"Tinplate Intercept: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.20	0.22	59
	01465-00006	"Tinplate Intercept: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.20	59
	01466-00001	"Tinplate Intercept: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.13	0.30	59
	01466-00002	"Tinplate Intercept: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.19	0.22	59
	01466-00003	"Tinplate Intercept: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.20	59
	01467-00001	"Tinplate Intercept: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.33	47
	01467-00002	"Tinplate Intercept: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	47
	01468-00001	"Tinplate Intercept: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.13	0.29	46
	01469-00001	"Tinplate Intercept: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	N		CL	0.39	0.49	0.52	48
	01469-00002	"Tinplate Intercept: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	N		BZ	0.39	0.39	0.38	48
	01469-00003	"Tinplate Intercept: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	N		GY	0.39	0.37	0.34	48
	01470-00001	"Tinplate Intercept: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.44	0.47	48
	01470-00002	"Tinplate Intercept: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.36	0.34	48
	01470-00003	"Tinplate Intercept: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.33	0.31	48

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01471-00001	"Tinplate Intercept: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.44	0.47	48
	01471-00002	"Tinplate Intercept: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.36	0.34	48
	01471-00003	"Tinplate Intercept: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.33	0.31	48
	01472-00001	"Tinplate Intercept: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.18	0.41	58
	01472-00002	"Tinplate Intercept: bronze / kry80 / E366 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.20	0.30	58
	01472-00003	"Tinplate Intercept: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.27	58
	01473-00001	"Tinplate Intercept: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.16	0.37	58
	01473-00002	"Tinplate Intercept: bronze / kry80 / E366 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.27	58
	01473-00003	"Tinplate Intercept: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.24	58
	01474-00001	"Tinplate Intercept: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.16	0.37	58
	01474-00002	"Tinplate Intercept: bronze / kry80 / E366 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.27	58
	01474-00003	"Tinplate Intercept: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.24	58
	01475-00001	"Tinplate Intercept: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.17	0.40	46
	01476-00001	"Tinplate Intercept: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.36	46
	01477-00001	"Tinplate Intercept: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.16	0.36	46
	01478-00001	"Tinplate Intercept: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.24	58

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01478-00002	"Tinplate Intercept: bronze / kry80 / E340 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.22	0.18	58
	01478-00003	"Tinplate Intercept: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.20	0.16	58
	01479-00001	"Tinplate Intercept: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	58
	01479-00002	"Tinplate Intercept: bronze / kry80 / E340 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.20	0.16	58
	01479-00003	"Tinplate Intercept: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	58
	01480-00001	"Tinplate Intercept: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.11	0.22	58
	01480-00002	"Tinplate Intercept: bronze / kry80 / E340 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.20	0.16	58
	01480-00003	"Tinplate Intercept: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.15	58
	01481-00001	"Tinplate Intercept: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.11	0.24	46
	01482-00001	"Tinplate Intercept: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.21	46
	01483-00001	"Tinplate Intercept: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.11	0.21	46
	01484-00001	"Tinplate Intercept: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.14	0.33	59
	01484-00002	"Tinplate Intercept: bronze / kry80 / E452 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.24	59
	01484-00003	"Tinplate Intercept: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.20	0.22	59
	01485-00001	"Tinplate Intercept: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.13	0.30	58
	01485-00002	"Tinplate Intercept: bronze / kry80 / E452 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.22	58

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01485-00003	"Tinplate Intercept: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.20	58
	01486-00001	"Tinplate Intercept: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.13	0.30	58
	01486-00002	"Tinplate Intercept: bronze / kry80 / E452 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.19	0.22	58
	01486-00003	"Tinplate Intercept: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.20	58
	01487-00001	"Tinplate Intercept: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.32	46
	01488-00001	"Tinplate Intercept: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	46
	01489-00001	"Tinplate Intercept: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.13	0.29	46
	01490-00001	"Tinplate Intercept: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		CL	0.39	0.44	0.51	48
	01490-00002	"Tinplate Intercept: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.40	0.46	48
	01490-00003	"Tinplate Intercept: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.39	0.36	0.38	48
	01490-00004	"Tinplate Intercept: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.33	0.34	48
	01490-00005	"Tinplate Intercept: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		GY	0.39	0.34	0.34	48
	01490-00006	"Tinplate Intercept: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.30	0.31	48
	01491-00001	"Tinplate Intercept: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.40	0.46	48
	01491-00002	"Tinplate Intercept: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.33	0.34	48
	01491-00003	"Tinplate Intercept: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.30	0.31	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01492-00001	"Tinplate Intercept: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.18	0.41	60
	01492-00002	"Tinplate Intercept: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.17	0.37	60
	01492-00003	"Tinplate Intercept: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.19	0.30	60
	01492-00004	"Tinplate Intercept: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.27	60
	01492-00005	"Tinplate Intercept: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.18	0.27	60
	01492-00006	"Tinplate Intercept: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.24	60
	01493-00001	"Tinplate Intercept: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.17	0.37	60
	01493-00002	"Tinplate Intercept: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.27	60
	01493-00003	"Tinplate Intercept: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.24	60
	01494-00001	"Tinplate Intercept: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.18	0.40	48
	01494-00002	"Tinplate Intercept: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.36	48
	01495-00001	"Tinplate Intercept: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.16	0.36	48
	01496-00001	"Tinplate Intercept: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.24	60
	01496-00002	"Tinplate Intercept: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.12	0.22	60
	01496-00003	"Tinplate Intercept: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.18	60
	01496-00004	"Tinplate Intercept: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.16	60

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01496-00005	"Tinplate Intercept: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.16	60
	01496-00006	"Tinplate Intercept: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	60
	01497-00001	"Tinplate Intercept: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.12	0.22	60
	01497-00002	"Tinplate Intercept: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.19	0.16	60
	01497-00003	"Tinplate Intercept: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.15	60
	01498-00001	"Tinplate Intercept: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.24	0.12	0.24	48
	01498-00002	"Tinplate Intercept: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.24	0.11	0.21	48
	01499-00001	"Tinplate Intercept: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.11	0.21	48
	01500-00001	"Tinplate Intercept: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.15	0.33	60
	01500-00002	"Tinplate Intercept: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.14	0.30	60
	01500-00003	"Tinplate Intercept: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.20	0.24	60
	01500-00004	"Tinplate Intercept: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.22	60
	01500-00005	"Tinplate Intercept: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.22	60
	01500-00006	"Tinplate Intercept: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.20	60
	01501-00001	"Tinplate Intercept: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.14	0.30	60
	01501-00002	"Tinplate Intercept: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.22	60

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Test Date: 07/16/2024
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01501-00003	"Tinplate Intercept: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.20	60
	01502-00001	"Tinplate Intercept: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.32	48
	01502-00002	"Tinplate Intercept: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	48
	01503-00001	"Tinplate Intercept: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.13	0.29	48
	01504-00001	"Tinplate Intercept: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		CL	0.39	0.43	0.50	48
	01504-00002	"Tinplate Intercept: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.39	0.45	48
	01504-00003	"Tinplate Intercept: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.39	0.36	0.38	48
	01504-00004	"Tinplate Intercept: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.33	0.34	48
	01504-00005	"Tinplate Intercept: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	N		GY	0.39	0.34	0.34	48
	01504-00006	"Tinplate Intercept: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.30	0.31	48
	01505-00001	"Tinplate Intercept: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.39	0.45	48
	01505-00002	"Tinplate Intercept: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.33	0.34	48
	01505-00003	"Tinplate Intercept: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.30	0.31	48
	01506-00001	"Tinplate Intercept: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.18	0.40	60
	01506-00002	"Tinplate Intercept: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.16	0.36	60
	01506-00003	"Tinplate Intercept: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.19	0.30	60

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01506-00004	"Tinplate Intercept: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.27	60
	01506-00005	"Tinplate Intercept: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.18	0.27	60
	01506-00006	"Tinplate Intercept: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.24	60
	01507-00001	"Tinplate Intercept: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.16	0.36	60
	01507-00002	"Tinplate Intercept: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.27	60
	01507-00003	"Tinplate Intercept: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.24	60
	01508-00001	"Tinplate Intercept: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.17	0.39	48
	01508-00002	"Tinplate Intercept: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.35	48
	01509-00001	"Tinplate Intercept: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.16	0.35	48
	01510-00001	"Tinplate Intercept: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.24	60
	01510-00002	"Tinplate Intercept: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	60
	01510-00003	"Tinplate Intercept: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.18	60
	01510-00004	"Tinplate Intercept: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.16	60
	01510-00005	"Tinplate Intercept: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.16	60
	01510-00006	"Tinplate Intercept: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	60
	01511-00001	"Tinplate Intercept: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.11	0.22	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01511-00002	"Tinplate Intercept: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.19	0.16	60
	01511-00003	"Tinplate Intercept: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.15	60
	01512-00001	"Tinplate Intercept: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.24	0.12	0.24	48
	01512-00002	"Tinplate Intercept: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.24	0.11	0.21	48
	01513-00001	"Tinplate Intercept: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.11	0.21	48
	01514-00001	"Tinplate Intercept: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.26	0.15	0.33	60
	01514-00002	"Tinplate Intercept: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.14	0.29	60
	01514-00003	"Tinplate Intercept: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	N		BZ	0.26	0.20	0.24	60
	01514-00004	"Tinplate Intercept: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.18	0.22	60
	01514-00005	"Tinplate Intercept: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.22	60
	01514-00006	"Tinplate Intercept: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.17	0.20	60
	01515-00001	"Tinplate Intercept: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.14	0.29	60
	01515-00002	"Tinplate Intercept: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.18	0.22	60
	01515-00003	"Tinplate Intercept: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.17	0.20	60
	01516-00001	"Tinplate Intercept: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.32	48
	01516-00002	"Tinplate Intercept: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01517-00001	"Tinplate Intercept: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.13	0.29	48
	01518-00001	"Tinplate Intercept: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: KRY (80)	N		CL	0.27	0.41	0.49	60
	01518-00002	"Tinplate Intercept: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.27	0.37	0.45	60
	01519-00001	"Tinplate Intercept: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.27	0.37	0.45	59
	01520-00001	"Tinplate Intercept: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.27	0.40	0.49	59
	01520-00002	"Tinplate Intercept: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.27	0.36	0.44	59
	01521-00001	"Tinplate Intercept: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.36	0.44	59
	01522-00001	"Tinplate Intercept: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: KRY (80)	N		CL	0.24	0.41	0.50	46
	01522-00002	"Tinplate Intercept: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.24	0.38	0.45	46
	01523-00001	"Tinplate Intercept: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.38	0.45	46
	01524-00001	"Tinplate Intercept: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	N		CL	0.24	0.41	0.50	45
	01524-00002	"Tinplate Intercept: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	G	0.75	CL	0.24	0.37	0.45	45
	01525-00001	"Tinplate Intercept: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	CU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.37	0.45	45
	01526-00001	"Super Spacer EPDM: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR (100)	N		CL	0.41	0.50	0.53	45
	01526-00002	"Super Spacer EPDM: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.41	0.46	0.48	45
	01526-00003	"Super Spacer EPDM: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR (100)	N		BZ	0.41	0.41	0.39	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01526-00004	"Super Spacer EPDM: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.41	0.37	0.35	45
	01526-00005	"Super Spacer EPDM: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR (100)	N		GY	0.41	0.38	0.35	45
	01526-00006	"Super Spacer EPDM: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.41	0.34	0.32	45
	01527-00001	"Super Spacer EPDM: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.40	0.46	0.48	45
	01527-00002	"Super Spacer EPDM: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.37	0.35	45
	01527-00003	"Super Spacer EPDM: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.40	0.34	0.32	45
	01528-00001	"Super Spacer EPDM: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.28	0.18	0.42	57
	01528-00002	"Super Spacer EPDM: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.37	57
	01528-00003	"Super Spacer EPDM: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.31	57
	01528-00004	"Super Spacer EPDM: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.28	57
	01528-00005	"Super Spacer EPDM: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.28	57
	01528-00006	"Super Spacer EPDM: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.25	57
	01529-00001	"Super Spacer EPDM: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.37	57
	01529-00002	"Super Spacer EPDM: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.28	57
	01529-00003	"Super Spacer EPDM: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.25	57
	01530-00001	"Super Spacer EPDM: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.18	0.41	44

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01530-00002	"Super Spacer EPDM: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.37	44
	01531-00001	"Super Spacer EPDM: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.16	0.37	44
	01532-00001	"Super Spacer EPDM: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.29	0.12	0.25	57
	01532-00002	"Super Spacer EPDM: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.29	0.12	0.22	57
	01532-00003	"Super Spacer EPDM: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR (100)	N		BZ	0.29	0.22	0.18	57
	01532-00004	"Super Spacer EPDM: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.20	0.16	57
	01532-00005	"Super Spacer EPDM: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR (100)	N		GY	0.29	0.20	0.17	57
	01532-00006	"Super Spacer EPDM: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.29	0.19	0.15	57
	01533-00001	"Super Spacer EPDM: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.12	0.22	57
	01533-00002	"Super Spacer EPDM: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.20	0.16	57
	01533-00003	"Super Spacer EPDM: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.19	0.15	57
	01534-00001	"Super Spacer EPDM: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	44
	01534-00002	"Super Spacer EPDM: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.22	44
	01535-00001	"Super Spacer EPDM: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.11	0.22	44
	01536-00001	"Super Spacer EPDM: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.28	0.15	0.34	57
	01536-00002	"Super Spacer EPDM: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.30	57

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01536-00003	"Super Spacer EPDM: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.25	57
	01536-00004	"Super Spacer EPDM: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	57
	01536-00005	"Super Spacer EPDM: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR (100)	N		GY	0.28	0.20	0.22	57
	01536-00006	"Super Spacer EPDM: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	57
	01537-00001	"Super Spacer EPDM: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.30	57
	01537-00002	"Super Spacer EPDM: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	57
	01537-00003	"Super Spacer EPDM: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	57
	01538-00001	"Super Spacer EPDM: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.15	0.33	44
	01538-00002	"Super Spacer EPDM: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.13	0.29	44
	01539-00001	"Super Spacer EPDM: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.13	0.29	44
	01540-00001	"Super Spacer EPDM: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR (100)	N		CL	0.40	0.49	0.52	46
	01540-00002	"Super Spacer EPDM: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR (100)	N		BZ	0.40	0.39	0.38	46
	01540-00003	"Super Spacer EPDM: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR (100)	N		GY	0.40	0.37	0.34	46
	01541-00001	"Super Spacer EPDM: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.40	0.44	0.47	46
	01541-00002	"Super Spacer EPDM: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.36	0.34	46
	01541-00003	"Super Spacer EPDM: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.40	0.33	0.31	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
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Initial Cert. Date: 09/26/2007
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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01542-00001	"Super Spacer EPDM: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.40	0.44	0.47	46
	01542-00002	"Super Spacer EPDM: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.36	0.34	46
	01542-00003	"Super Spacer EPDM: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.40	0.33	0.31	46
	01543-00001	"Super Spacer EPDM: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: AIR (100)	N		CL	0.28	0.18	0.41	57
	01543-00002	"Super Spacer EPDM: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.30	57
	01543-00003	"Super Spacer EPDM: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.27	57
	01544-00001	"Super Spacer EPDM: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	57
	01544-00002	"Super Spacer EPDM: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.27	57
	01544-00003	"Super Spacer EPDM: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.24	57
	01545-00001	"Super Spacer EPDM: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.37	57
	01545-00002	"Super Spacer EPDM: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.27	57
	01545-00003	"Super Spacer EPDM: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.24	57
	01546-00001	"Super Spacer EPDM: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.18	0.40	44
	01547-00001	"Super Spacer EPDM: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.36	44
	01548-00001	"Super Spacer EPDM: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.16	0.36	44

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01549-00001	"Super Spacer EPDM: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: AIR (100)	N		CL	0.29	0.12	0.24	57
	01549-00002	"Super Spacer EPDM: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	57
	01549-00003	"Super Spacer EPDM: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	57
	01550-00001	"Super Spacer EPDM: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.29	0.11	0.22	57
	01550-00002	"Super Spacer EPDM: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.20	0.16	57
	01550-00003	"Super Spacer EPDM: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	57
	01551-00001	"Super Spacer EPDM: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.29	0.11	0.22	57
	01551-00002	"Super Spacer EPDM: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.20	0.16	57
	01551-00003	"Super Spacer EPDM: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.15	57
	01552-00001	"Super Spacer EPDM: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	44
	01553-00001	"Super Spacer EPDM: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.21	44
	01554-00001	"Super Spacer EPDM: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.21	44
	01555-00001	"Super Spacer EPDM: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: AIR (100)	N		CL	0.28	0.15	0.33	57
	01555-00002	"Super Spacer EPDM: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.24	57

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01555-00003	"Super Spacer EPDM: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR (100)	N		GY	0.28	0.20	0.22	57
	01556-00001	"Super Spacer EPDM: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	57
	01556-00002	"Super Spacer EPDM: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	57
	01556-00003	"Super Spacer EPDM: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	57
	01557-00001	"Super Spacer EPDM: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.29	0.14	0.30	57
	01557-00002	"Super Spacer EPDM: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.22	57
	01557-00003	"Super Spacer EPDM: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.20	57
	01558-00001	"Super Spacer EPDM: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	44
	01559-00001	"Super Spacer EPDM: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.13	0.29	44
	01560-00001	"Super Spacer EPDM: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.13	0.29	44
	01561-00001	"Super Spacer EPDM: lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	N		CL	0.40	0.44	0.51	47
	01561-00002	"Super Spacer EPDM: lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.40	0.40	0.46	47
	01561-00003	"Super Spacer EPDM: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	N		BZ	0.40	0.36	0.38	47
	01561-00004	"Super Spacer EPDM: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.33	0.34	47
	01561-00005	"Super Spacer EPDM: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	N		GY	0.40	0.34	0.34	47

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01561-00006	"Super Spacer EPDM: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.40	0.31	0.31	47
	01562-00001	"Super Spacer EPDM: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.40	0.40	0.46	47
	01562-00002	"Super Spacer EPDM: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.33	0.34	47
	01562-00003	"Super Spacer EPDM: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.40	0.31	0.31	47
	01563-00001	"Super Spacer EPDM: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.28	0.19	0.41	60
	01563-00002	"Super Spacer EPDM: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.37	60
	01563-00003	"Super Spacer EPDM: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.30	60
	01563-00004	"Super Spacer EPDM: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.18	0.27	60
	01563-00005	"Super Spacer EPDM: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.27	60
	01563-00006	"Super Spacer EPDM: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.17	0.24	60
	01564-00001	"Super Spacer EPDM: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.37	59
	01564-00002	"Super Spacer EPDM: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.18	0.27	59
	01564-00003	"Super Spacer EPDM: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.17	0.24	59
	01565-00001	"Super Spacer EPDM: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.18	0.40	47
	01565-00002	"Super Spacer EPDM: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.17	0.36	47
	01566-00001	"Super Spacer EPDM: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.17	0.36	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01567-00001	"Super Spacer EPDM: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.28	0.13	0.24	59
	01567-00002	"Super Spacer EPDM: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.12	0.22	59
	01567-00003	"Super Spacer EPDM: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.18	59
	01567-00004	"Super Spacer EPDM: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.16	59
	01567-00005	"Super Spacer EPDM: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	N		GY	0.28	0.20	0.16	59
	01567-00006	"Super Spacer EPDM: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.15	59
	01568-00001	"Super Spacer EPDM: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.12	0.22	59
	01568-00002	"Super Spacer EPDM: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.16	59
	01568-00003	"Super Spacer EPDM: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.15	59
	01569-00001	"Super Spacer EPDM: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	46
	01569-00002	"Super Spacer EPDM: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.12	0.21	46
	01570-00001	"Super Spacer EPDM: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.12	0.21	46
	01571-00001	"Super Spacer EPDM: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.28	0.16	0.33	60
	01571-00002	"Super Spacer EPDM: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.30	60
	01571-00003	"Super Spacer EPDM: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.24	60
	01571-00004	"Super Spacer EPDM: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	60

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01571-00005	"Super Spacer EPDM: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.22	60
	01571-00006	"Super Spacer EPDM: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	60
	01572-00001	"Super Spacer EPDM: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.30	60
	01572-00002	"Super Spacer EPDM: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	60
	01572-00003	"Super Spacer EPDM: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	60
	01573-00001	"Super Spacer EPDM: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	47
	01573-00002	"Super Spacer EPDM: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.14	0.29	47
	01574-00001	"Super Spacer EPDM: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.14	0.29	47
	01575-00001	"Super Spacer EPDM: lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	N		CL	0.40	0.43	0.50	47
	01575-00002	"Super Spacer EPDM: lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.40	0.39	0.45	47
	01575-00003	"Super Spacer EPDM: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	N		BZ	0.40	0.36	0.38	47
	01575-00004	"Super Spacer EPDM: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.33	0.34	47
	01575-00005	"Super Spacer EPDM: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	N		GY	0.40	0.34	0.34	47
	01575-00006	"Super Spacer EPDM: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.40	0.31	0.31	47
	01576-00001	"Super Spacer EPDM: lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.40	0.39	0.45	47
	01576-00002	"Super Spacer EPDM: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.33	0.34	47

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Street: 250 Staunton Avenue
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01576-00003	"Super Spacer EPDM: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.40	0.31	0.31	47
	01577-00001	"Super Spacer EPDM: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.28	0.19	0.40	60
	01577-00002	"Super Spacer EPDM: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.36	60
	01577-00003	"Super Spacer EPDM: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.30	60
	01577-00004	"Super Spacer EPDM: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.18	0.27	60
	01577-00005	"Super Spacer EPDM: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.27	60
	01577-00006	"Super Spacer EPDM: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.17	0.24	60
	01578-00001	"Super Spacer EPDM: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.36	59
	01578-00002	"Super Spacer EPDM: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.18	0.27	59
	01578-00003	"Super Spacer EPDM: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.17	0.24	59
	01579-00001	"Super Spacer EPDM: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.18	0.39	47
	01579-00002	"Super Spacer EPDM: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.35	47
	01580-00001	"Super Spacer EPDM: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.16	0.35	46
	01581-00001	"Super Spacer EPDM: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.28	0.13	0.24	59
	01581-00002	"Super Spacer EPDM: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.12	0.22	59
	01581-00003	"Super Spacer EPDM: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.18	59

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01581-00004	"Super Spacer EPDM: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.16	59
	01581-00005	"Super Spacer EPDM: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	N		GY	0.28	0.20	0.16	59
	01581-00006	"Super Spacer EPDM: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.15	59
	01582-00001	"Super Spacer EPDM: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.12	0.22	59
	01582-00002	"Super Spacer EPDM: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.16	59
	01582-00003	"Super Spacer EPDM: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.15	59
	01583-00001	"Super Spacer EPDM: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	46
	01583-00002	"Super Spacer EPDM: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.21	46
	01584-00001	"Super Spacer EPDM: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.11	0.21	46
	01585-00001	"Super Spacer EPDM: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.28	0.16	0.33	60
	01585-00002	"Super Spacer EPDM: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.29	60
	01585-00003	"Super Spacer EPDM: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.24	60
	01585-00004	"Super Spacer EPDM: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	60
	01585-00005	"Super Spacer EPDM: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.22	60
	01585-00006	"Super Spacer EPDM: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	60
	01586-00001	"Super Spacer EPDM: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.29	60

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01586-00002	"Super Spacer EPDM: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	60
	01586-00003	"Super Spacer EPDM: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	60
	01587-00001	"Super Spacer EPDM: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	47
	01587-00002	"Super Spacer EPDM: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.14	0.29	47
	01588-00001	"Super Spacer EPDM: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.14	0.29	47
	01589-00001	"Super Spacer EPDM: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	OF-S	Fill 1: AIR (100)	N		CL	0.29	0.41	0.49	59
	01589-00002	"Super Spacer EPDM: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.29	0.37	0.45	59
	01590-00001	"Super Spacer EPDM: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.29	0.37	0.45	59
	01591-00001	"Super Spacer EPDM: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.29	0.40	0.49	58
	01591-00002	"Super Spacer EPDM: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.29	0.36	0.44	58
	01592-00001	"Super Spacer EPDM: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.29	0.36	0.44	58
	01593-00001	"Super Spacer EPDM: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	OF-S	Fill 1: AIR (100)	N		CL	0.26	0.41	0.50	44
	01593-00002	"Super Spacer EPDM: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.26	0.37	0.45	44
	01594-00001	"Super Spacer EPDM: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.37	0.45	44
	01595-00001	"Super Spacer EPDM: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	N		CL	0.26	0.40	0.50	43
	01595-00002	"Super Spacer EPDM: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.26	0.37	0.45	43

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01596-00001	"Super Spacer EPDM: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.37	0.45	43
	01597-00001	"Super Spacer EPDM: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG (93)	N		CL	0.39	0.50	0.53	47
	01597-00002	"Super Spacer EPDM: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.39	0.46	0.48	47
	01597-00003	"Super Spacer EPDM: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG (93)	N		BZ	0.39	0.41	0.39	47
	01597-00004	"Super Spacer EPDM: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.37	0.35	47
	01597-00005	"Super Spacer EPDM: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG (93)	N		GY	0.39	0.38	0.35	47
	01597-00006	"Super Spacer EPDM: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.39	0.34	0.32	47
	01598-00001	"Super Spacer EPDM: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.39	0.46	0.48	47
	01598-00002	"Super Spacer EPDM: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.37	0.35	47
	01598-00003	"Super Spacer EPDM: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.39	0.34	0.32	47
	01599-00001	"Super Spacer EPDM: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: ARG (93)	N		CL	0.25	0.18	0.42	62
	01599-00002	"Super Spacer EPDM: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.17	0.37	62
	01599-00003	"Super Spacer EPDM: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.31	62
	01599-00004	"Super Spacer EPDM: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.28	62
	01599-00005	"Super Spacer EPDM: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.28	62
	01599-00006	"Super Spacer EPDM: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.25	62

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01600-00001	"Super Spacer EPDM: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.37	62
	01600-00002	"Super Spacer EPDM: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.28	62
	01600-00003	"Super Spacer EPDM: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.25	62
	01601-00001	"Super Spacer EPDM: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	N		CL	0.22	0.18	0.41	49
	01601-00002	"Super Spacer EPDM: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.37	49
	01602-00001	"Super Spacer EPDM: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.37	49
	01603-00001	"Super Spacer EPDM: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: ARG (93)	N		CL	0.26	0.12	0.25	62
	01603-00002	"Super Spacer EPDM: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.26	0.11	0.22	62
	01603-00003	"Super Spacer EPDM: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG (93)	N		BZ	0.26	0.22	0.18	62
	01603-00004	"Super Spacer EPDM: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.20	0.16	62
	01603-00005	"Super Spacer EPDM: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG (93)	N		GY	0.26	0.20	0.17	62
	01603-00006	"Super Spacer EPDM: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.26	0.19	0.15	62
	01604-00001	"Super Spacer EPDM: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.11	0.22	62
	01604-00002	"Super Spacer EPDM: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.20	0.16	62
	01604-00003	"Super Spacer EPDM: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.19	0.15	62
	01605-00001	"Super Spacer EPDM: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	49

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
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Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01605-00002	"Super Spacer EPDM: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.22	49
	01606-00001	"Super Spacer EPDM: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.22	49
	01607-00001	"Super Spacer EPDM: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: ARG (93)	N		CL	0.25	0.15	0.34	62
	01607-00002	"Super Spacer EPDM: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.14	0.30	62
	01607-00003	"Super Spacer EPDM: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.25	62
	01607-00004	"Super Spacer EPDM: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.22	62
	01607-00005	"Super Spacer EPDM: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG (93)	N		GY	0.25	0.20	0.22	62
	01607-00006	"Super Spacer EPDM: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.20	62
	01608-00001	"Super Spacer EPDM: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.30	62
	01608-00002	"Super Spacer EPDM: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.22	62
	01608-00003	"Super Spacer EPDM: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.20	62
	01609-00001	"Super Spacer EPDM: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	N		CL	0.22	0.14	0.33	49
	01609-00002	"Super Spacer EPDM: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	49
	01610-00001	"Super Spacer EPDM: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	49
	01611-00001	"Super Spacer EPDM: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG (93)	N		CL	0.39	0.49	0.52	48
	01611-00002	"Super Spacer EPDM: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG (93)	N		BZ	0.39	0.39	0.38	48

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01611-00003	"Super Spacer EPDM: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG (93)	N		GY	0.39	0.37	0.34	48
	01612-00001	"Super Spacer EPDM: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.38	0.44	0.47	48
	01612-00002	"Super Spacer EPDM: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.38	0.36	0.34	48
	01612-00003	"Super Spacer EPDM: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.38	0.33	0.31	48
	01613-00001	"Super Spacer EPDM: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.38	0.44	0.47	48
	01613-00002	"Super Spacer EPDM: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.38	0.36	0.34	48
	01613-00003	"Super Spacer EPDM: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.38	0.33	0.31	48
	01614-00001	"Super Spacer EPDM: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: ARG (93)	N		CL	0.25	0.18	0.41	62
	01614-00002	"Super Spacer EPDM: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	62
	01614-00003	"Super Spacer EPDM: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.27	62
	01615-00001	"Super Spacer EPDM: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.26	0.16	0.37	62
	01615-00002	"Super Spacer EPDM: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.27	62
	01615-00003	"Super Spacer EPDM: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.24	62
	01616-00001	"Super Spacer EPDM: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.26	0.16	0.37	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01616-00002	"Super Spacer EPDM: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.27	62
	01616-00003	"Super Spacer EPDM: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.24	62
	01617-00001	"Super Spacer EPDM: E366 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	N		CL	0.22	0.18	0.40	48
	01618-00001	"Super Spacer EPDM: E366 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.36	48
	01619-00001	"Super Spacer EPDM: E366 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.36	48
	01620-00001	"Super Spacer EPDM: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: ARG (93)	N		CL	0.25	0.12	0.24	61
	01620-00002	"Super Spacer EPDM: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG (93)	N		BZ	0.25	0.22	0.18	61
	01620-00003	"Super Spacer EPDM: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG (93)	N		GY	0.25	0.20	0.16	61
	01621-00001	"Super Spacer EPDM: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.26	0.11	0.22	61
	01621-00002	"Super Spacer EPDM: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.20	0.16	61
	01621-00003	"Super Spacer EPDM: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.15	61
	01622-00001	"Super Spacer EPDM: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.26	0.11	0.22	61
	01622-00002	"Super Spacer EPDM: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.20	0.16	61

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01622-00003	"Super Spacer EPDM: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	61
	01623-00001	"Super Spacer EPDM: E340 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	N		CL	0.22	0.12	0.24	48
	01624-00001	"Super Spacer EPDM: E340 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.21	48
	01625-00001	"Super Spacer EPDM: E340 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.24	0.11	0.21	48
	01626-00001	"Super Spacer EPDM: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	62
	01626-00002	"Super Spacer EPDM: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.24	62
	01626-00003	"Super Spacer EPDM: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG (93)	N		GY	0.25	0.20	0.22	62
	01627-00001	"Super Spacer EPDM: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.26	0.13	0.30	62
	01627-00002	"Super Spacer EPDM: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.22	62
	01627-00003	"Super Spacer EPDM: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.20	62
	01628-00001	"Super Spacer EPDM: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.26	0.13	0.30	62
	01628-00002	"Super Spacer EPDM: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.22	62
	01628-00003	"Super Spacer EPDM: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.20	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01629-00001	"Super Spacer EPDM: E452 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	N		CL	0.22	0.14	0.32	48
	01630-00001	"Super Spacer EPDM: E452 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	48
	01631-00001	"Super Spacer EPDM: E452 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	48
	01632-00001	"Super Spacer EPDM: lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	N		CL	0.39	0.44	0.51	49
	01632-00002	"Super Spacer EPDM: lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.39	0.40	0.46	49
	01632-00003	"Super Spacer EPDM: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	N		BZ	0.39	0.36	0.38	49
	01632-00004	"Super Spacer EPDM: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.33	0.34	49
	01632-00005	"Super Spacer EPDM: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	N		GY	0.39	0.34	0.34	49
	01632-00006	"Super Spacer EPDM: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.39	0.31	0.31	49
	01633-00001	"Super Spacer EPDM: lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.38	0.40	0.46	49
	01633-00002	"Super Spacer EPDM: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.38	0.33	0.34	49
	01633-00003	"Super Spacer EPDM: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.38	0.31	0.31	49
	01634-00001	"Super Spacer EPDM: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.25	0.18	0.41	64
	01634-00002	"Super Spacer EPDM: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.17	0.37	64
	01634-00003	"Super Spacer EPDM: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01634-00004	"Super Spacer EPDM: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.27	64
	01634-00005	"Super Spacer EPDM: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	N		GY	0.25	0.18	0.27	64
	01634-00006	"Super Spacer EPDM: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.24	64
	01635-00001	"Super Spacer EPDM: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.37	64
	01635-00002	"Super Spacer EPDM: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.27	64
	01635-00003	"Super Spacer EPDM: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	64
	01636-00001	"Super Spacer EPDM: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.22	0.18	0.40	51
	01636-00002	"Super Spacer EPDM: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.36	51
	01637-00001	"Super Spacer EPDM: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.36	51
	01638-00001	"Super Spacer EPDM: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.25	0.13	0.24	64
	01638-00002	"Super Spacer EPDM: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.12	0.22	64
	01638-00003	"Super Spacer EPDM: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.18	64
	01638-00004	"Super Spacer EPDM: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.16	64
	01638-00005	"Super Spacer EPDM: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.16	64

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01638-00006	"Super Spacer EPDM: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.15	64
	01639-00001	"Super Spacer EPDM: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.12	0.22	64
	01639-00002	"Super Spacer EPDM: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.16	64
	01639-00003	"Super Spacer EPDM: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.15	64
	01640-00001	"Super Spacer EPDM: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	51
	01640-00002	"Super Spacer EPDM: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.21	51
	01641-00001	"Super Spacer EPDM: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	51
	01642-00001	"Super Spacer EPDM: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	64
	01642-00002	"Super Spacer EPDM: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.14	0.30	64
	01642-00003	"Super Spacer EPDM: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.24	64
	01642-00004	"Super Spacer EPDM: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.22	64
	01642-00005	"Super Spacer EPDM: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.22	64
	01642-00006	"Super Spacer EPDM: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.20	64
	01643-00001	"Super Spacer EPDM: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.30	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01643-00002	"Super Spacer EPDM: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.22	64
	01643-00003	"Super Spacer EPDM: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.20	64
	01644-00001	"Super Spacer EPDM: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.22	0.15	0.32	51
	01644-00002	"Super Spacer EPDM: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	51
	01645-00001	"Super Spacer EPDM: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	51
	01646-00001	"Super Spacer EPDM: lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	N		CL	0.38	0.43	0.50	49
	01646-00002	"Super Spacer EPDM: lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.38	0.39	0.45	49
	01646-00003	"Super Spacer EPDM: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	N		BZ	0.38	0.36	0.38	49
	01646-00004	"Super Spacer EPDM: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.38	0.33	0.34	49
	01646-00005	"Super Spacer EPDM: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	N		GY	0.38	0.34	0.34	49
	01646-00006	"Super Spacer EPDM: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.38	0.31	0.31	49
	01647-00001	"Super Spacer EPDM: lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.38	0.39	0.45	49
	01647-00002	"Super Spacer EPDM: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.38	0.33	0.34	49
	01647-00003	"Super Spacer EPDM: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.38	0.31	0.31	49
	01648-00001	"Super Spacer EPDM: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.25	0.18	0.40	64
	01648-00002	"Super Spacer EPDM: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.17	0.36	64

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01648-00003	"Super Spacer EPDM: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	64
	01648-00004	"Super Spacer EPDM: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.27	64
	01648-00005	"Super Spacer EPDM: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	N		GY	0.25	0.18	0.27	64
	01648-00006	"Super Spacer EPDM: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.24	64
	01649-00001	"Super Spacer EPDM: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.36	64
	01649-00002	"Super Spacer EPDM: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.27	64
	01649-00003	"Super Spacer EPDM: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	64
	01650-00001	"Super Spacer EPDM: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.22	0.18	0.39	51
	01650-00002	"Super Spacer EPDM: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.35	51
	01651-00001	"Super Spacer EPDM: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.35	51
	01652-00001	"Super Spacer EPDM: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.25	0.12	0.24	64
	01652-00002	"Super Spacer EPDM: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.12	0.22	64
	01652-00003	"Super Spacer EPDM: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.18	64
	01652-00004	"Super Spacer EPDM: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.16	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

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Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01652-00005	"Super Spacer EPDM: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.16	64
	01652-00006	"Super Spacer EPDM: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.15	64
	01653-00001	"Super Spacer EPDM: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.12	0.22	64
	01653-00002	"Super Spacer EPDM: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.16	64
	01653-00003	"Super Spacer EPDM: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.15	64
	01654-00001	"Super Spacer EPDM: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	51
	01654-00002	"Super Spacer EPDM: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.21	51
	01655-00001	"Super Spacer EPDM: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	51
	01656-00001	"Super Spacer EPDM: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	64
	01656-00002	"Super Spacer EPDM: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.14	0.29	64
	01656-00003	"Super Spacer EPDM: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.24	64
	01656-00004	"Super Spacer EPDM: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.22	64
	01656-00005	"Super Spacer EPDM: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.22	64
	01656-00006	"Super Spacer EPDM: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.20	64
	01657-00001	"Super Spacer EPDM: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.29	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
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Initial Cert. Date: 09/26/2007
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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01657-00002	"Super Spacer EPDM: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.22	64
	01657-00003	"Super Spacer EPDM: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.20	64
	01658-00001	"Super Spacer EPDM: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	N		CL	0.22	0.15	0.32	51
	01658-00002	"Super Spacer EPDM: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	51
	01659-00001	"Super Spacer EPDM: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	51
	01660-00001	"Super Spacer EPDM: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	OF-S	Fill 1: ARG (93)	N		CL	0.26	0.41	0.49	64
	01660-00002	"Super Spacer EPDM: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.26	0.37	0.45	64
	01661-00001	"Super Spacer EPDM: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.26	0.37	0.45	64
	01662-00001	"Super Spacer EPDM: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: ARG (93)	N		CL	0.26	0.40	0.49	62
	01662-00002	"Super Spacer EPDM: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.26	0.36	0.44	62
	01663-00001	"Super Spacer EPDM: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.26	0.36	0.44	62
	01664-00001	"Super Spacer EPDM: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	OF-S	Fill 1: ARG (93)	N		CL	0.23	0.41	0.50	49
	01664-00002	"Super Spacer EPDM: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.38	0.45	49
	01665-00001	"Super Spacer EPDM: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.24	0.38	0.45	49
	01666-00001	"Super Spacer EPDM: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	N		CL	0.23	0.41	0.50	48
	01666-00002	"Super Spacer EPDM: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.37	0.45	48

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01667-00001	"Super Spacer EPDM: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.24	0.37	0.45	47
	01668-00001	"Super Spacer EPDM: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY (80)	N		CL	0.39	0.50	0.53	47
	01668-00002	"Super Spacer EPDM: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.39	0.46	0.48	47
	01668-00003	"Super Spacer EPDM: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY (80)	N		BZ	0.39	0.41	0.39	47
	01668-00004	"Super Spacer EPDM: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.37	0.35	47
	01668-00005	"Super Spacer EPDM: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY (80)	N		GY	0.39	0.38	0.35	47
	01668-00006	"Super Spacer EPDM: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.39	0.34	0.32	47
	01669-00001	"Super Spacer EPDM: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.39	0.46	0.48	47
	01669-00002	"Super Spacer EPDM: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.37	0.35	47
	01669-00003	"Super Spacer EPDM: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.39	0.34	0.32	47
	01670-00001	"Super Spacer EPDM: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.18	0.42	60
	01670-00002	"Super Spacer EPDM: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.37	60
	01670-00003	"Super Spacer EPDM: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.31	60
	01670-00004	"Super Spacer EPDM: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.28	60
	01670-00005	"Super Spacer EPDM: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.28	60
	01670-00006	"Super Spacer EPDM: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.25	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01671-00001	"Super Spacer EPDM: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.37	60
	01671-00002	"Super Spacer EPDM: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.28	60
	01671-00003	"Super Spacer EPDM: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.25	60
	01672-00001	"Super Spacer EPDM: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	N		CL	0.22	0.18	0.41	48
	01672-00002	"Super Spacer EPDM: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.37	48
	01673-00001	"Super Spacer EPDM: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.37	48
	01674-00001	"Super Spacer EPDM: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.12	0.25	60
	01674-00002	"Super Spacer EPDM: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.11	0.22	60
	01674-00003	"Super Spacer EPDM: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.22	0.18	60
	01674-00004	"Super Spacer EPDM: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.20	0.16	60
	01674-00005	"Super Spacer EPDM: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.20	0.17	60
	01674-00006	"Super Spacer EPDM: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.19	0.15	60
	01675-00001	"Super Spacer EPDM: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	60
	01675-00002	"Super Spacer EPDM: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.20	0.16	60
	01675-00003	"Super Spacer EPDM: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.19	0.15	60
	01676-00001	"Super Spacer EPDM: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	N		CL	0.22	0.11	0.24	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01676-00002	"Super Spacer EPDM: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.22	48
	01677-00001	"Super Spacer EPDM: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.22	48
	01678-00001	"Super Spacer EPDM: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.15	0.34	61
	01678-00002	"Super Spacer EPDM: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.13	0.30	61
	01678-00003	"Super Spacer EPDM: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.25	61
	01678-00004	"Super Spacer EPDM: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.22	61
	01678-00005	"Super Spacer EPDM: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.20	0.22	61
	01678-00006	"Super Spacer EPDM: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.20	61
	01679-00001	"Super Spacer EPDM: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.13	0.30	60
	01679-00002	"Super Spacer EPDM: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.22	60
	01679-00003	"Super Spacer EPDM: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.20	60
	01680-00001	"Super Spacer EPDM: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	N		CL	0.22	0.14	0.33	48
	01680-00002	"Super Spacer EPDM: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	48
	01681-00001	"Super Spacer EPDM: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	48
	01682-00001	"Super Spacer EPDM: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY (80)	N		CL	0.38	0.49	0.52	49
	01682-00002	"Super Spacer EPDM: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY (80)	N		BZ	0.38	0.39	0.38	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01682-00003	"Super Spacer EPDM: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY (80)	N		GY	0.38	0.37	0.34	49
	01683-00001	"Super Spacer EPDM: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.38	0.44	0.47	49
	01683-00002	"Super Spacer EPDM: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.36	0.34	49
	01683-00003	"Super Spacer EPDM: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.38	0.33	0.31	49
	01684-00001	"Super Spacer EPDM: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.38	0.44	0.47	49
	01684-00002	"Super Spacer EPDM: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.36	0.34	49
	01684-00003	"Super Spacer EPDM: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.38	0.33	0.31	49
	01685-00001	"Super Spacer EPDM: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.18	0.41	61
	01685-00002	"Super Spacer EPDM: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.30	61
	01685-00003	"Super Spacer EPDM: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.27	61
	01686-00001	"Super Spacer EPDM: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.37	61
	01686-00002	"Super Spacer EPDM: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	61
	01686-00003	"Super Spacer EPDM: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	61
	01687-00001	"Super Spacer EPDM: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.37	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01687-00002	"Super Spacer EPDM: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	60
	01687-00003	"Super Spacer EPDM: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	60
	01688-00001	"Super Spacer EPDM: E366 / kry80 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: KRY (80)	N		CL	0.22	0.17	0.40	49
	01689-00001	"Super Spacer EPDM: E366 / kry80 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.36	48
	01690-00001	"Super Spacer EPDM: E366 / kry80 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.36	48
	01691-00001	"Super Spacer EPDM: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.12	0.24	60
	01691-00002	"Super Spacer EPDM: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.22	0.18	60
	01691-00003	"Super Spacer EPDM: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.20	0.16	60
	01692-00001	"Super Spacer EPDM: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.11	0.22	60
	01692-00002	"Super Spacer EPDM: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.20	0.16	60
	01692-00003	"Super Spacer EPDM: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.15	60
	01693-00001	"Super Spacer EPDM: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	60
	01693-00002	"Super Spacer EPDM: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.20	0.16	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01693-00003	"Super Spacer EPDM: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.15	60
	01694-00001	"Super Spacer EPDM: E340 / kry80 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: KRY (80)	N		CL	0.22	0.11	0.24	48
	01695-00001	"Super Spacer EPDM: E340 / kry80 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.21	48
	01696-00001	"Super Spacer EPDM: E340 / kry80 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	48
	01697-00001	"Super Spacer EPDM: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.14	0.33	61
	01697-00002	"Super Spacer EPDM: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.24	61
	01697-00003	"Super Spacer EPDM: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.20	0.22	61
	01698-00001	"Super Spacer EPDM: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.13	0.30	61
	01698-00002	"Super Spacer EPDM: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.22	61
	01698-00003	"Super Spacer EPDM: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.20	61
	01699-00001	"Super Spacer EPDM: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.13	0.30	61
	01699-00002	"Super Spacer EPDM: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.22	61
	01699-00003	"Super Spacer EPDM: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.20	61

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01700-00001	"Super Spacer EPDM: E452 / kry80 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: KRY (80)	N		CL	0.22	0.14	0.32	49
	01701-00001	"Super Spacer EPDM: E452 / kry80 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	49
	01702-00001	"Super Spacer EPDM: E452 / kry80 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	48
	01703-00001	"Super Spacer EPDM: lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	N		CL	0.38	0.44	0.51	49
	01703-00002	"Super Spacer EPDM: lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.38	0.40	0.46	49
	01703-00003	"Super Spacer EPDM: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	N		BZ	0.38	0.36	0.38	49
	01703-00004	"Super Spacer EPDM: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.33	0.34	49
	01703-00005	"Super Spacer EPDM: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	N		GY	0.38	0.34	0.34	49
	01703-00006	"Super Spacer EPDM: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.38	0.30	0.31	49
	01704-00001	"Super Spacer EPDM: lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.38	0.40	0.46	49
	01704-00002	"Super Spacer EPDM: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.33	0.34	49
	01704-00003	"Super Spacer EPDM: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.38	0.30	0.31	49
	01705-00001	"Super Spacer EPDM: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.18	0.41	62
	01705-00002	"Super Spacer EPDM: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.17	0.37	62
	01705-00003	"Super Spacer EPDM: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.19	0.30	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01705-00004	"Super Spacer EPDM: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	62
	01705-00005	"Super Spacer EPDM: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.18	0.27	62
	01705-00006	"Super Spacer EPDM: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	62
	01706-00001	"Super Spacer EPDM: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.17	0.37	62
	01706-00002	"Super Spacer EPDM: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	62
	01706-00003	"Super Spacer EPDM: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	62
	01707-00001	"Super Spacer EPDM: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.22	0.18	0.40	50
	01707-00002	"Super Spacer EPDM: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.36	50
	01708-00001	"Super Spacer EPDM: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.36	50
	01709-00001	"Super Spacer EPDM: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.12	0.24	62
	01709-00002	"Super Spacer EPDM: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.12	0.22	62
	01709-00003	"Super Spacer EPDM: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.18	62
	01709-00004	"Super Spacer EPDM: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.16	62
	01709-00005	"Super Spacer EPDM: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.16	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01709-00006	"Super Spacer EPDM: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.15	62
	01710-00001	"Super Spacer EPDM: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.12	0.22	62
	01710-00002	"Super Spacer EPDM: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.16	62
	01710-00003	"Super Spacer EPDM: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.15	62
	01711-00001	"Super Spacer EPDM: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.23	0.12	0.24	50
	01711-00002	"Super Spacer EPDM: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.21	50
	01712-00001	"Super Spacer EPDM: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	50
	01713-00001	"Super Spacer EPDM: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.15	0.33	62
	01713-00002	"Super Spacer EPDM: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.14	0.30	62
	01713-00003	"Super Spacer EPDM: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.24	62
	01713-00004	"Super Spacer EPDM: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.22	62
	01713-00005	"Super Spacer EPDM: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.22	62
	01713-00006	"Super Spacer EPDM: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.20	62
	01714-00001	"Super Spacer EPDM: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.14	0.30	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01714-00002	"Super Spacer EPDM: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.22	62
	01714-00003	"Super Spacer EPDM: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.20	62
	01715-00001	"Super Spacer EPDM: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.22	0.14	0.32	50
	01715-00002	"Super Spacer EPDM: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	50
	01716-00001	"Super Spacer EPDM: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	50
	01717-00001	"Super Spacer EPDM: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	N		CL	0.38	0.43	0.50	49
	01717-00002	"Super Spacer EPDM: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.38	0.39	0.45	49
	01717-00003	"Super Spacer EPDM: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	N		BZ	0.38	0.36	0.38	49
	01717-00004	"Super Spacer EPDM: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.33	0.34	49
	01717-00005	"Super Spacer EPDM: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	N		GY	0.38	0.34	0.34	49
	01717-00006	"Super Spacer EPDM: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.38	0.30	0.31	49
	01718-00001	"Super Spacer EPDM: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.38	0.39	0.45	49
	01718-00002	"Super Spacer EPDM: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.33	0.34	49
	01718-00003	"Super Spacer EPDM: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.38	0.30	0.31	49
	01719-00001	"Super Spacer EPDM: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.18	0.40	62
	01719-00002	"Super Spacer EPDM: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.36	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01719-00003	"Super Spacer EPDM: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.19	0.30	62
	01719-00004	"Super Spacer EPDM: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	62
	01719-00005	"Super Spacer EPDM: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.18	0.27	62
	01719-00006	"Super Spacer EPDM: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	62
	01720-00001	"Super Spacer EPDM: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.36	62
	01720-00002	"Super Spacer EPDM: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	62
	01720-00003	"Super Spacer EPDM: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	62
	01721-00001	"Super Spacer EPDM: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.22	0.17	0.39	50
	01721-00002	"Super Spacer EPDM: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.35	50
	01722-00001	"Super Spacer EPDM: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.35	50
	01723-00001	"Super Spacer EPDM: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.12	0.24	62
	01723-00002	"Super Spacer EPDM: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.11	0.22	62
	01723-00003	"Super Spacer EPDM: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.18	62
	01723-00004	"Super Spacer EPDM: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.16	62

NFRC Product Certification Authorization Report

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Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01723-00005	"Super Spacer EPDM: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.16	62
	01723-00006	"Super Spacer EPDM: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.15	62
	01724-00001	"Super Spacer EPDM: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	62
	01724-00002	"Super Spacer EPDM: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.16	62
	01724-00003	"Super Spacer EPDM: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.15	62
	01725-00001	"Super Spacer EPDM: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.23	0.12	0.24	50
	01725-00002	"Super Spacer EPDM: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.21	50
	01726-00001	"Super Spacer EPDM: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	50
	01727-00001	"Super Spacer EPDM: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.25	0.15	0.33	62
	01727-00002	"Super Spacer EPDM: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.14	0.29	62
	01727-00003	"Super Spacer EPDM: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.24	62
	01727-00004	"Super Spacer EPDM: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.22	62
	01727-00005	"Super Spacer EPDM: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.22	62
	01727-00006	"Super Spacer EPDM: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.20	62
	01728-00001	"Super Spacer EPDM: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.14	0.29	62

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01728-00002	"Super Spacer EPDM: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.22	62
	01728-00003	"Super Spacer EPDM: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.20	62
	01729-00001	"Super Spacer EPDM: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	N		CL	0.22	0.14	0.32	50
	01729-00002	"Super Spacer EPDM: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	50
	01730-00001	"Super Spacer EPDM: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	50
	01731-00001	"Super Spacer EPDM: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	OF-S	Fill 1: KRY (80)	N		CL	0.26	0.41	0.49	61
	01731-00002	"Super Spacer EPDM: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.26	0.37	0.45	61
	01732-00001	"Super Spacer EPDM: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.26	0.37	0.45	61
	01733-00001	"Super Spacer EPDM: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: KRY (80)	N		CL	0.26	0.40	0.49	61
	01733-00002	"Super Spacer EPDM: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.26	0.36	0.44	61
	01734-00001	"Super Spacer EPDM: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.36	0.44	61
	01735-00001	"Super Spacer EPDM: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	OF-S	Fill 1: KRY (80)	N		CL	0.23	0.41	0.50	48
	01735-00002	"Super Spacer EPDM: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.23	0.38	0.45	48
	01736-00001	"Super Spacer EPDM: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.24	0.38	0.45	48
	01737-00001	"Super Spacer EPDM: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	N		CL	0.23	0.41	0.50	47
	01737-00002	"Super Spacer EPDM: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	G	0.75	CL	0.23	0.37	0.45	47

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01738-00001	"Super Spacer EPDM: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	OF-S	Fill 1: KRY (80)	S	0.75	CL	0.24	0.37	0.45	47
	01739-00001	"Cardinal Endur: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR (100)	N		CL	0.41	0.50	0.53	45
	01739-00002	"Cardinal Endur: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.41	0.46	0.48	45
	01739-00003	"Cardinal Endur: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR (100)	N		BZ	0.41	0.41	0.39	45
	01739-00004	"Cardinal Endur: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.41	0.37	0.35	45
	01739-00005	"Cardinal Endur: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR (100)	N		GY	0.41	0.38	0.35	45
	01739-00006	"Cardinal Endur: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.41	0.34	0.32	45
	01740-00001	"Cardinal Endur: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.41	0.46	0.48	45
	01740-00002	"Cardinal Endur: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.41	0.37	0.35	45
	01740-00003	"Cardinal Endur: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.41	0.34	0.32	45
	01741-00001	"Cardinal Endur: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.18	0.42	57
	01741-00002	"Cardinal Endur: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	57
	01741-00003	"Cardinal Endur: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.31	57
	01741-00004	"Cardinal Endur: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.28	57
	01741-00005	"Cardinal Endur: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.28	57
	01741-00006	"Cardinal Endur: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.25	57

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01742-00001	"Cardinal Endur: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.37	57
	01742-00002	"Cardinal Endur: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.28	57
	01742-00003	"Cardinal Endur: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.25	57
	01743-00001	"Cardinal Endur: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.18	0.41	44
	01743-00002	"Cardinal Endur: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.37	44
	01744-00001	"Cardinal Endur: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.16	0.37	44
	01745-00001	"Cardinal Endur: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.12	0.25	57
	01745-00002	"Cardinal Endur: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.12	0.22	57
	01745-00003	"Cardinal Endur: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.22	0.18	57
	01745-00004	"Cardinal Endur: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.20	0.16	57
	01745-00005	"Cardinal Endur: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.17	57
	01745-00006	"Cardinal Endur: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.19	0.15	57
	01746-00001	"Cardinal Endur: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.12	0.22	57
	01746-00002	"Cardinal Endur: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.20	0.16	57
	01746-00003	"Cardinal Endur: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.19	0.15	57
	01747-00001	"Cardinal Endur: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	44

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01747-00002	"Cardinal Endur: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.22	44
	01748-00001	"Cardinal Endur: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.22	44
	01749-00001	"Cardinal Endur: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.15	0.34	57
	01749-00002	"Cardinal Endur: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	57
	01749-00003	"Cardinal Endur: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.25	57
	01749-00004	"Cardinal Endur: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	57
	01749-00005	"Cardinal Endur: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.22	57
	01749-00006	"Cardinal Endur: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	57
	01750-00001	"Cardinal Endur: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.30	57
	01750-00002	"Cardinal Endur: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	57
	01750-00003	"Cardinal Endur: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	57
	01751-00001	"Cardinal Endur: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.33	44
	01751-00002	"Cardinal Endur: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.13	0.29	44
	01752-00001	"Cardinal Endur: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.13	0.29	44
	01753-00001	"Cardinal Endur: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR (100)	N		CL	0.41	0.49	0.52	45
	01753-00002	"Cardinal Endur: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR (100)	N		BZ	0.41	0.39	0.38	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01753-00003	"Cardinal Endur: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR (100)	N		GY	0.41	0.37	0.34	45
	01754-00001	"Cardinal Endur: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.40	0.44	0.47	45
	01754-00002	"Cardinal Endur: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.36	0.34	45
	01754-00003	"Cardinal Endur: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.40	0.33	0.31	45
	01755-00001	"Cardinal Endur: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.40	0.44	0.47	45
	01755-00002	"Cardinal Endur: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.36	0.34	45
	01755-00003	"Cardinal Endur: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.40	0.33	0.31	45
	01756-00001	"Cardinal Endur: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.18	0.41	57
	01756-00002	"Cardinal Endur: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.30	57
	01756-00003	"Cardinal Endur: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.27	57
	01757-00001	"Cardinal Endur: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	57
	01757-00002	"Cardinal Endur: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.27	57
	01757-00003	"Cardinal Endur: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.24	57
	01758-00001	"Cardinal Endur: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.37	57
	01758-00002	"Cardinal Endur: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.27	57
	01758-00003	"Cardinal Endur: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.24	57

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01759-00001	"Cardinal Endur: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.18	0.40	44
	01760-00001	"Cardinal Endur: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.36	44
	01761-00001	"Cardinal Endur: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.16	0.36	44
	01762-00001	"Cardinal Endur: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.12	0.24	57
	01762-00002	"Cardinal Endur: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	57
	01762-00003	"Cardinal Endur: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	57
	01763-00001	"Cardinal Endur: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.11	0.22	57
	01763-00002	"Cardinal Endur: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.20	0.16	57
	01763-00003	"Cardinal Endur: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	57
	01764-00001	"Cardinal Endur: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.11	0.22	57
	01764-00002	"Cardinal Endur: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.20	0.16	57
	01764-00003	"Cardinal Endur: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.15	57
	01765-00001	"Cardinal Endur: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	44
	01766-00001	"Cardinal Endur: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.21	43
	01767-00001	"Cardinal Endur: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.21	43
	01768-00001	"Cardinal Endur: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.15	0.33	57

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01768-00002	"Cardinal Endur: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.24	57
	01768-00003	"Cardinal Endur: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.22	57
	01769-00001	"Cardinal Endur: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	57
	01769-00002	"Cardinal Endur: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	57
	01769-00003	"Cardinal Endur: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	57
	01770-00001	"Cardinal Endur: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.14	0.30	57
	01770-00002	"Cardinal Endur: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.22	57
	01770-00003	"Cardinal Endur: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.20	57
	01771-00001	"Cardinal Endur: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	44
	01772-00001	"Cardinal Endur: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.13	0.29	44
	01773-00001	"Cardinal Endur: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.13	0.29	44
	01774-00001	"Cardinal Endur: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	N		CL	0.40	0.44	0.51	47
	01774-00002	"Cardinal Endur: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.40	0.40	0.46	47
	01774-00003	"Cardinal Endur: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	N		BZ	0.40	0.36	0.38	47
	01774-00004	"Cardinal Endur: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.33	0.34	47
	01774-00005	"Cardinal Endur: gray-lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	N		GY	0.40	0.34	0.34	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01774-00006	"Cardinal Endur: gray-lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.40	0.31	0.31	47
	01775-00001	"Cardinal Endur: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.40	0.40	0.46	47
	01775-00002	"Cardinal Endur: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.33	0.34	47
	01775-00003	"Cardinal Endur: gray-lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.40	0.31	0.31	47
	01776-00001	"Cardinal Endur: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.19	0.41	59
	01776-00002	"Cardinal Endur: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	59
	01776-00003	"Cardinal Endur: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.30	59
	01776-00004	"Cardinal Endur: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.18	0.27	59
	01776-00005	"Cardinal Endur: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.27	59
	01776-00006	"Cardinal Endur: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.17	0.24	59
	01777-00001	"Cardinal Endur: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.37	59
	01777-00002	"Cardinal Endur: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.18	0.27	59
	01777-00003	"Cardinal Endur: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.17	0.24	59
	01778-00001	"Cardinal Endur: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.18	0.40	46
	01778-00002	"Cardinal Endur: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.17	0.36	46
	01779-00001	"Cardinal Endur: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.17	0.36	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01780-00001	"Cardinal Endur: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.13	0.24	59
	01780-00002	"Cardinal Endur: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.12	0.22	59
	01780-00003	"Cardinal Endur: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	59
	01780-00004	"Cardinal Endur: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.16	59
	01780-00005	"Cardinal Endur: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	59
	01780-00006	"Cardinal Endur: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	59
	01781-00001	"Cardinal Endur: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.12	0.22	59
	01781-00002	"Cardinal Endur: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.16	59
	01781-00003	"Cardinal Endur: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.15	59
	01782-00001	"Cardinal Endur: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	46
	01782-00002	"Cardinal Endur: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.12	0.21	46
	01783-00001	"Cardinal Endur: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.12	0.21	46
	01784-00001	"Cardinal Endur: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.16	0.33	59
	01784-00002	"Cardinal Endur: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	59
	01784-00003	"Cardinal Endur: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.24	59
	01784-00004	"Cardinal Endur: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01784-00005	"Cardinal Endur: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.22	59
	01784-00006	"Cardinal Endur: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	59
	01785-00001	"Cardinal Endur: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.30	59
	01785-00002	"Cardinal Endur: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	59
	01785-00003	"Cardinal Endur: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	59
	01786-00001	"Cardinal Endur: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	46
	01786-00002	"Cardinal Endur: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.14	0.29	46
	01787-00001	"Cardinal Endur: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.14	0.29	46
	01788-00001	"Cardinal Endur: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	N		CL	0.40	0.43	0.50	47
	01788-00002	"Cardinal Endur: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.40	0.39	0.45	47
	01788-00003	"Cardinal Endur: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	N		BZ	0.40	0.36	0.38	47
	01788-00004	"Cardinal Endur: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.33	0.34	47
	01788-00005	"Cardinal Endur: gray-lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	N		GY	0.40	0.34	0.34	47
	01788-00006	"Cardinal Endur: gray-lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.40	0.31	0.31	47
	01789-00001	"Cardinal Endur: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.40	0.39	0.45	47
	01789-00002	"Cardinal Endur: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.33	0.34	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01789-00003	"Cardinal Endur: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.40	0.31	0.31	47
	01790-00001	"Cardinal Endur: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.19	0.40	59
	01790-00002	"Cardinal Endur: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.36	59
	01790-00003	"Cardinal Endur: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.30	59
	01790-00004	"Cardinal Endur: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.18	0.27	59
	01790-00005	"Cardinal Endur: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.27	59
	01790-00006	"Cardinal Endur: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.17	0.24	59
	01791-00001	"Cardinal Endur: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.36	59
	01791-00002	"Cardinal Endur: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.18	0.27	59
	01791-00003	"Cardinal Endur: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.17	0.24	59
	01792-00001	"Cardinal Endur: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.18	0.39	46
	01792-00002	"Cardinal Endur: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.35	46
	01793-00001	"Cardinal Endur: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.16	0.35	46
	01794-00001	"Cardinal Endur: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.13	0.24	59
	01794-00002	"Cardinal Endur: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.12	0.22	59
	01794-00003	"Cardinal Endur: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	59

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01794-00004	"Cardinal Endur: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.16	59
	01794-00005	"Cardinal Endur: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	59
	01794-00006	"Cardinal Endur: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	59
	01795-00001	"Cardinal Endur: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.12	0.22	59
	01795-00002	"Cardinal Endur: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.16	59
	01795-00003	"Cardinal Endur: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.15	59
	01796-00001	"Cardinal Endur: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	46
	01796-00002	"Cardinal Endur: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.21	46
	01797-00001	"Cardinal Endur: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.21	46
	01798-00001	"Cardinal Endur: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.16	0.33	59
	01798-00002	"Cardinal Endur: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.29	59
	01798-00003	"Cardinal Endur: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.24	59
	01798-00004	"Cardinal Endur: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	59
	01798-00005	"Cardinal Endur: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.22	59
	01798-00006	"Cardinal Endur: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	59
	01799-00001	"Cardinal Endur: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.29	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01799-00002	"Cardinal Endur: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	59
	01799-00003	"Cardinal Endur: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	59
	01800-00001	"Cardinal Endur: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	46
	01800-00002	"Cardinal Endur: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.14	0.29	46
	01801-00001	"Cardinal Endur: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.14	0.29	46
	01802-00001	"Cardinal Endur: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.41	0.49	58
	01802-00002	"Cardinal Endur: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.37	0.45	58
	01803-00001	"Cardinal Endur: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.37	0.45	58
	01804-00001	"Cardinal Endur: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.29	0.40	0.49	57
	01804-00002	"Cardinal Endur: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.36	0.44	57
	01805-00001	"Cardinal Endur: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.36	0.44	57
	01806-00001	"Cardinal Endur: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SS-D	Fill 1: AIR (100)	N		CL	0.26	0.41	0.50	44
	01806-00002	"Cardinal Endur: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.37	0.45	44
	01807-00001	"Cardinal Endur: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.37	0.45	44
	01808-00001	"Cardinal Endur: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	N		CL	0.26	0.40	0.50	43
	01808-00002	"Cardinal Endur: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.37	0.45	43

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01809-00001	"Cardinal Endur: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.37	0.45	43
	01810-00001	"Cardinal Endur: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG (93)	N		CL	0.39	0.50	0.53	47
	01810-00002	"Cardinal Endur: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.46	0.48	47
	01810-00003	"Cardinal Endur: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG (93)	N		BZ	0.39	0.41	0.39	47
	01810-00004	"Cardinal Endur: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.37	0.35	47
	01810-00005	"Cardinal Endur: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG (93)	N		GY	0.39	0.38	0.35	47
	01810-00006	"Cardinal Endur: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.34	0.32	47
	01811-00001	"Cardinal Endur: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.46	0.48	47
	01811-00002	"Cardinal Endur: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.37	0.35	47
	01811-00003	"Cardinal Endur: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.34	0.32	47
	01812-00001	"Cardinal Endur: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.42	62
	01812-00002	"Cardinal Endur: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.17	0.37	62
	01812-00003	"Cardinal Endur: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.31	62
	01812-00004	"Cardinal Endur: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.28	62
	01812-00005	"Cardinal Endur: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.28	62
	01812-00006	"Cardinal Endur: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.25	62

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01813-00001	"Cardinal Endur: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.37	62
	01813-00002	"Cardinal Endur: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.28	62
	01813-00003	"Cardinal Endur: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.25	62
	01814-00001	"Cardinal Endur: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.41	49
	01814-00002	"Cardinal Endur: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.37	49
	01815-00001	"Cardinal Endur: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.37	49
	01816-00001	"Cardinal Endur: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.12	0.25	61
	01816-00002	"Cardinal Endur: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.11	0.22	61
	01816-00003	"Cardinal Endur: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG (93)	N		BZ	0.26	0.22	0.18	61
	01816-00004	"Cardinal Endur: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.20	0.16	61
	01816-00005	"Cardinal Endur: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.17	61
	01816-00006	"Cardinal Endur: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.19	0.15	61
	01817-00001	"Cardinal Endur: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.11	0.22	61
	01817-00002	"Cardinal Endur: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.20	0.16	61
	01817-00003	"Cardinal Endur: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.19	0.15	61
	01818-00001	"Cardinal Endur: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	48

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01818-00002	"Cardinal Endur: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.22	48
	01819-00001	"Cardinal Endur: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.22	48
	01820-00001	"Cardinal Endur: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.34	62
	01820-00002	"Cardinal Endur: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.14	0.30	62
	01820-00003	"Cardinal Endur: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.25	62
	01820-00004	"Cardinal Endur: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.22	62
	01820-00005	"Cardinal Endur: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.22	62
	01820-00006	"Cardinal Endur: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.20	62
	01821-00001	"Cardinal Endur: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.30	62
	01821-00002	"Cardinal Endur: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.22	62
	01821-00003	"Cardinal Endur: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.20	62
	01822-00001	"Cardinal Endur: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.14	0.33	49
	01822-00002	"Cardinal Endur: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	49
	01823-00001	"Cardinal Endur: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	49
	01824-00001	"Cardinal Endur: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG (93)	N		CL	0.39	0.49	0.52	47
	01824-00002	"Cardinal Endur: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG (93)	N		BZ	0.39	0.39	0.38	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01824-00003	"Cardinal Endur: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG (93)	N		GY	0.39	0.37	0.34	47
	01825-00001	"Cardinal Endur: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.44	0.47	47
	01825-00002	"Cardinal Endur: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.36	0.34	47
	01825-00003	"Cardinal Endur: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.33	0.31	47
	01826-00001	"Cardinal Endur: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.44	0.47	47
	01826-00002	"Cardinal Endur: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.36	0.34	47
	01826-00003	"Cardinal Endur: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.33	0.31	47
	01827-00001	"Cardinal Endur: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: ARG (93)	N		CL	0.25	0.18	0.41	61
	01827-00002	"Cardinal Endur: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	61
	01827-00003	"Cardinal Endur: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG (93)	N		GY	0.25	0.19	0.27	61
	01828-00001	"Cardinal Endur: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.16	0.37	61
	01828-00002	"Cardinal Endur: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.27	61
	01828-00003	"Cardinal Endur: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.24	61
	01829-00001	"Cardinal Endur: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.16	0.37	61
	01829-00002	"Cardinal Endur: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.27	61
	01829-00003	"Cardinal Endur: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.24	61

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01830-00001	"Cardinal Endur: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.40	48
	01831-00001	"Cardinal Endur: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.36	48
	01832-00001	"Cardinal Endur: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.16	0.36	48
	01833-00001	"Cardinal Endur: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.12	0.24	61
	01833-00002	"Cardinal Endur: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG (93)	N		BZ	0.26	0.22	0.18	61
	01833-00003	"Cardinal Endur: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.16	61
	01834-00001	"Cardinal Endur: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.11	0.22	61
	01834-00002	"Cardinal Endur: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.20	0.16	61
	01834-00003	"Cardinal Endur: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.15	61
	01835-00001	"Cardinal Endur: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.11	0.22	61
	01835-00002	"Cardinal Endur: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.20	0.16	61
	01835-00003	"Cardinal Endur: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	61
	01836-00001	"Cardinal Endur: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	48
	01837-00001	"Cardinal Endur: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.21	48
	01838-00001	"Cardinal Endur: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.11	0.21	48
	01839-00001	"Cardinal Endur: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	61

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01839-00002	"Cardinal Endur: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.24	61
	01839-00003	"Cardinal Endur: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG (93)	N		GY	0.25	0.20	0.22	61
	01840-00001	"Cardinal Endur: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.13	0.30	61
	01840-00002	"Cardinal Endur: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.22	61
	01840-00003	"Cardinal Endur: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.20	61
	01841-00001	"Cardinal Endur: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.13	0.30	61
	01841-00002	"Cardinal Endur: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.22	61
	01841-00003	"Cardinal Endur: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.20	61
	01842-00001	"Cardinal Endur: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.14	0.32	48
	01843-00001	"Cardinal Endur: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	48
	01844-00001	"Cardinal Endur: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.13	0.29	48
	01845-00001	"Cardinal Endur: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	N		CL	0.39	0.44	0.51	49
	01845-00002	"Cardinal Endur: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.40	0.46	49
	01845-00003	"Cardinal Endur: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	N		BZ	0.39	0.36	0.38	49
	01845-00004	"Cardinal Endur: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.33	0.34	49
	01845-00005	"Cardinal Endur: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	N		GY	0.39	0.34	0.34	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01845-00006	"Cardinal Endur: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.31	0.31	49
	01846-00001	"Cardinal Endur: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.40	0.46	49
	01846-00002	"Cardinal Endur: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.33	0.34	49
	01846-00003	"Cardinal Endur: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.31	0.31	49
	01847-00001	"Cardinal Endur: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.41	64
	01847-00002	"Cardinal Endur: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.17	0.37	64
	01847-00003	"Cardinal Endur: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.30	64
	01847-00004	"Cardinal Endur: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.27	64
	01847-00005	"Cardinal Endur: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	N		GY	0.26	0.18	0.27	64
	01847-00006	"Cardinal Endur: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.24	64
	01848-00001	"Cardinal Endur: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.37	64
	01848-00002	"Cardinal Endur: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.27	64
	01848-00003	"Cardinal Endur: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	64
	01849-00001	"Cardinal Endur: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.40	51
	01849-00002	"Cardinal Endur: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.36	51
	01850-00001	"Cardinal Endur: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.36	50

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01851-00001	"Cardinal Endur: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.13	0.24	63
	01851-00002	"Cardinal Endur: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.12	0.22	63
	01851-00003	"Cardinal Endur: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.18	63
	01851-00004	"Cardinal Endur: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.16	63
	01851-00005	"Cardinal Endur: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.16	63
	01851-00006	"Cardinal Endur: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.15	63
	01852-00001	"Cardinal Endur: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.12	0.22	63
	01852-00002	"Cardinal Endur: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.16	63
	01852-00003	"Cardinal Endur: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	63
	01853-00001	"Cardinal Endur: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	50
	01853-00002	"Cardinal Endur: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.21	50
	01854-00001	"Cardinal Endur: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	50
	01855-00001	"Cardinal Endur: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.33	64
	01855-00002	"Cardinal Endur: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.14	0.30	64
	01855-00003	"Cardinal Endur: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.24	64
	01855-00004	"Cardinal Endur: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.22	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01855-00005	"Cardinal Endur: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.22	64
	01855-00006	"Cardinal Endur: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.20	64
	01856-00001	"Cardinal Endur: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.30	64
	01856-00002	"Cardinal Endur: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.22	64
	01856-00003	"Cardinal Endur: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.20	64
	01857-00001	"Cardinal Endur: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.15	0.32	51
	01857-00002	"Cardinal Endur: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	51
	01858-00001	"Cardinal Endur: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	51
	01859-00001	"Cardinal Endur: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	N		CL	0.39	0.43	0.50	49
	01859-00002	"Cardinal Endur: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.39	0.45	49
	01859-00003	"Cardinal Endur: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	N		BZ	0.39	0.36	0.38	49
	01859-00004	"Cardinal Endur: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.33	0.34	49
	01859-00005	"Cardinal Endur: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	N		GY	0.39	0.34	0.34	49
	01859-00006	"Cardinal Endur: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.31	0.31	49
	01860-00001	"Cardinal Endur: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.38	0.39	0.45	49
	01860-00002	"Cardinal Endur: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.38	0.33	0.34	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01860-00003	"Cardinal Endur: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.38	0.31	0.31	49
	01861-00001	"Cardinal Endur: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.40	64
	01861-00002	"Cardinal Endur: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.17	0.36	64
	01861-00003	"Cardinal Endur: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.30	64
	01861-00004	"Cardinal Endur: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.27	64
	01861-00005	"Cardinal Endur: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	N		GY	0.26	0.18	0.27	64
	01861-00006	"Cardinal Endur: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.24	64
	01862-00001	"Cardinal Endur: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.36	64
	01862-00002	"Cardinal Endur: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.27	64
	01862-00003	"Cardinal Endur: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	64
	01863-00001	"Cardinal Endur: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.39	51
	01863-00002	"Cardinal Endur: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.35	51
	01864-00001	"Cardinal Endur: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.35	50
	01865-00001	"Cardinal Endur: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.12	0.24	63
	01865-00002	"Cardinal Endur: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.12	0.22	63
	01865-00003	"Cardinal Endur: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.18	63

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01865-00004	"Cardinal Endur: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.16	63
	01865-00005	"Cardinal Endur: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.16	63
	01865-00006	"Cardinal Endur: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.15	63
	01866-00001	"Cardinal Endur: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.12	0.22	63
	01866-00002	"Cardinal Endur: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.16	63
	01866-00003	"Cardinal Endur: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	63
	01867-00001	"Cardinal Endur: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	50
	01867-00002	"Cardinal Endur: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.21	50
	01868-00001	"Cardinal Endur: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	50
	01869-00001	"Cardinal Endur: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.33	64
	01869-00002	"Cardinal Endur: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.14	0.29	64
	01869-00003	"Cardinal Endur: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.24	64
	01869-00004	"Cardinal Endur: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.18	0.22	64
	01869-00005	"Cardinal Endur: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.22	64
	01869-00006	"Cardinal Endur: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.20	64
	01870-00001	"Cardinal Endur: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.29	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01870-00002	"Cardinal Endur: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.22	64
	01870-00003	"Cardinal Endur: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.20	64
	01871-00001	"Cardinal Endur: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	N		CL	0.23	0.15	0.32	51
	01871-00002	"Cardinal Endur: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	51
	01872-00001	"Cardinal Endur: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	51
	01873-00001	"Cardinal Endur: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.41	0.49	63
	01873-00002	"Cardinal Endur: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.37	0.45	63
	01874-00001	"Cardinal Endur: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.37	0.45	63
	01875-00001	"Cardinal Endur: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: ARG (93)	N		CL	0.26	0.40	0.49	62
	01875-00002	"Cardinal Endur: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.36	0.44	62
	01876-00001	"Cardinal Endur: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.36	0.44	62
	01877-00001	"Cardinal Endur: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SS-D	Fill 1: ARG (93)	N		CL	0.24	0.41	0.50	48
	01877-00002	"Cardinal Endur: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.38	0.45	48
	01878-00001	"Cardinal Endur: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.38	0.45	48
	01879-00001	"Cardinal Endur: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	N		CL	0.24	0.41	0.50	47
	01879-00002	"Cardinal Endur: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.37	0.45	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01880-00001	"Cardinal Endur: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.37	0.45	47
	01881-00001	"Cardinal Endur: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY (80)	N		CL	0.39	0.50	0.53	47
	01881-00002	"Cardinal Endur: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.46	0.48	47
	01881-00003	"Cardinal Endur: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY (80)	N		BZ	0.39	0.41	0.39	47
	01881-00004	"Cardinal Endur: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.37	0.35	47
	01881-00005	"Cardinal Endur: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY (80)	N		GY	0.39	0.38	0.35	47
	01881-00006	"Cardinal Endur: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.34	0.32	47
	01882-00001	"Cardinal Endur: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.46	0.48	47
	01882-00002	"Cardinal Endur: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.37	0.35	47
	01882-00003	"Cardinal Endur: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.34	0.32	47
	01883-00001	"Cardinal Endur: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.42	60
	01883-00002	"Cardinal Endur: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.37	60
	01883-00003	"Cardinal Endur: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.31	60
	01883-00004	"Cardinal Endur: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.28	60
	01883-00005	"Cardinal Endur: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.28	60
	01883-00006	"Cardinal Endur: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.25	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01884-00001	"Cardinal Endur: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.37	60
	01884-00002	"Cardinal Endur: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.28	60
	01884-00003	"Cardinal Endur: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.25	60
	01885-00001	"Cardinal Endur: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	N		CL	0.22	0.18	0.41	48
	01885-00002	"Cardinal Endur: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.37	48
	01886-00001	"Cardinal Endur: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.37	48
	01887-00001	"Cardinal Endur: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.25	60
	01887-00002	"Cardinal Endur: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	60
	01887-00003	"Cardinal Endur: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY (80)	N		BZ	0.26	0.22	0.18	60
	01887-00004	"Cardinal Endur: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.20	0.16	60
	01887-00005	"Cardinal Endur: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY (80)	N		GY	0.26	0.20	0.17	60
	01887-00006	"Cardinal Endur: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.19	0.15	60
	01888-00001	"Cardinal Endur: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	60
	01888-00002	"Cardinal Endur: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.20	0.16	60
	01888-00003	"Cardinal Endur: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.19	0.15	60
	01889-00001	"Cardinal Endur: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	N		CL	0.23	0.11	0.24	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01889-00002	"Cardinal Endur: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.22	48
	01890-00001	"Cardinal Endur: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.22	48
	01891-00001	"Cardinal Endur: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: KRY (80)	N		CL	0.25	0.15	0.34	60
	01891-00002	"Cardinal Endur: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.13	0.30	60
	01891-00003	"Cardinal Endur: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.25	60
	01891-00004	"Cardinal Endur: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.22	60
	01891-00005	"Cardinal Endur: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY (80)	N		GY	0.25	0.20	0.22	60
	01891-00006	"Cardinal Endur: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.20	60
	01892-00001	"Cardinal Endur: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.13	0.30	60
	01892-00002	"Cardinal Endur: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.22	60
	01892-00003	"Cardinal Endur: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.20	60
	01893-00001	"Cardinal Endur: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	N		CL	0.22	0.14	0.33	48
	01893-00002	"Cardinal Endur: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	48
	01894-00001	"Cardinal Endur: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	48
	01895-00001	"Cardinal Endur: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY (80)	N		CL	0.39	0.49	0.52	49
	01895-00002	"Cardinal Endur: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY (80)	N		BZ	0.39	0.39	0.38	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01895-00003	"Cardinal Endur: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY (80)	N		GY	0.39	0.37	0.34	49
	01896-00001	"Cardinal Endur: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.38	0.44	0.47	49
	01896-00002	"Cardinal Endur: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.36	0.34	49
	01896-00003	"Cardinal Endur: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.38	0.33	0.31	49
	01897-00001	"Cardinal Endur: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.38	0.44	0.47	49
	01897-00002	"Cardinal Endur: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.36	0.34	49
	01897-00003	"Cardinal Endur: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.38	0.33	0.31	49
	01898-00001	"Cardinal Endur: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.41	60
	01898-00002	"Cardinal Endur: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.30	60
	01898-00003	"Cardinal Endur: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.27	60
	01899-00001	"Cardinal Endur: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.37	60
	01899-00002	"Cardinal Endur: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	60
	01899-00003	"Cardinal Endur: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	60
	01900-00001	"Cardinal Endur: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.37	60
	01900-00002	"Cardinal Endur: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	60
	01900-00003	"Cardinal Endur: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	60

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01901-00001	"Cardinal Endur: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: KRY (80)	N		CL	0.22	0.17	0.40	48
	01902-00001	"Cardinal Endur: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.36	48
	01903-00001	"Cardinal Endur: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.36	48
	01904-00001	"Cardinal Endur: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: KRY (80)	N		CL	0.25	0.12	0.24	60
	01904-00002	"Cardinal Endur: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY (80)	N		BZ	0.25	0.22	0.18	60
	01904-00003	"Cardinal Endur: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY (80)	N		GY	0.25	0.20	0.16	60
	01905-00001	"Cardinal Endur: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	60
	01905-00002	"Cardinal Endur: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.20	0.16	60
	01905-00003	"Cardinal Endur: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	60
	01906-00001	"Cardinal Endur: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.11	0.22	60
	01906-00002	"Cardinal Endur: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.20	0.16	60
	01906-00003	"Cardinal Endur: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.15	60
	01907-00001	"Cardinal Endur: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: KRY (80)	N		CL	0.23	0.11	0.24	48
	01908-00001	"Cardinal Endur: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.21	48
	01909-00001	"Cardinal Endur: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	48
	01910-00001	"Cardinal Endur: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: KRY (80)	N		CL	0.25	0.14	0.33	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01910-00002	"Cardinal Endur: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.24	60
	01910-00003	"Cardinal Endur: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY (80)	N		GY	0.25	0.20	0.22	60
	01911-00001	"Cardinal Endur: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.13	0.30	60
	01911-00002	"Cardinal Endur: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.22	60
	01911-00003	"Cardinal Endur: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.20	60
	01912-00001	"Cardinal Endur: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.13	0.30	60
	01912-00002	"Cardinal Endur: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.22	60
	01912-00003	"Cardinal Endur: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.20	60
	01913-00001	"Cardinal Endur: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: KRY (80)	N		CL	0.22	0.14	0.32	48
	01914-00001	"Cardinal Endur: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	48
	01915-00001	"Cardinal Endur: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	48
	01916-00001	"Cardinal Endur: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	N		CL	0.39	0.44	0.51	49
	01916-00002	"Cardinal Endur: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.40	0.46	49
	01916-00003	"Cardinal Endur: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	N		BZ	0.39	0.36	0.38	49
	01916-00004	"Cardinal Endur: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.33	0.34	49
	01916-00005	"Cardinal Endur: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	N		GY	0.39	0.34	0.34	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
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Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01916-00006	"Cardinal Endur: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.30	0.31	49
	01917-00001	"Cardinal Endur: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.40	0.46	49
	01917-00002	"Cardinal Endur: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.33	0.34	49
	01917-00003	"Cardinal Endur: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.30	0.31	49
	01918-00001	"Cardinal Endur: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.41	62
	01918-00002	"Cardinal Endur: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.17	0.37	62
	01918-00003	"Cardinal Endur: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	N		BZ	0.25	0.19	0.30	62
	01918-00004	"Cardinal Endur: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	62
	01918-00005	"Cardinal Endur: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	N		GY	0.25	0.18	0.27	62
	01918-00006	"Cardinal Endur: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	62
	01919-00001	"Cardinal Endur: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.17	0.37	62
	01919-00002	"Cardinal Endur: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	62
	01919-00003	"Cardinal Endur: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	62
	01920-00001	"Cardinal Endur: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.23	0.18	0.40	50
	01920-00002	"Cardinal Endur: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.36	50
	01921-00001	"Cardinal Endur: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.36	49

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01922-00001	"Cardinal Endur: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.24	62
	01922-00002	"Cardinal Endur: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.12	0.22	62
	01922-00003	"Cardinal Endur: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.18	62
	01922-00004	"Cardinal Endur: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.16	62
	01922-00005	"Cardinal Endur: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.16	62
	01922-00006	"Cardinal Endur: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	62
	01923-00001	"Cardinal Endur: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.12	0.22	61
	01923-00002	"Cardinal Endur: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.19	0.16	61
	01923-00003	"Cardinal Endur: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.15	61
	01924-00001	"Cardinal Endur: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.23	0.12	0.24	49
	01924-00002	"Cardinal Endur: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.21	49
	01925-00001	"Cardinal Endur: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	49
	01926-00001	"Cardinal Endur: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.25	0.15	0.33	62
	01926-00002	"Cardinal Endur: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.14	0.30	62
	01926-00003	"Cardinal Endur: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.24	62
	01926-00004	"Cardinal Endur: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.22	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01926-00005	"Cardinal Endur: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.22	62
	01926-00006	"Cardinal Endur: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.20	62
	01927-00001	"Cardinal Endur: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.14	0.30	62
	01927-00002	"Cardinal Endur: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.22	62
	01927-00003	"Cardinal Endur: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.20	62
	01928-00001	"Cardinal Endur: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.32	50
	01928-00002	"Cardinal Endur: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	50
	01929-00001	"Cardinal Endur: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	50
	01930-00001	"Cardinal Endur: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	N		CL	0.39	0.43	0.50	49
	01930-00002	"Cardinal Endur: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.39	0.45	49
	01930-00003	"Cardinal Endur: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	N		BZ	0.39	0.36	0.38	49
	01930-00004	"Cardinal Endur: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.33	0.34	49
	01930-00005	"Cardinal Endur: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	N		GY	0.39	0.34	0.34	49
	01930-00006	"Cardinal Endur: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.30	0.31	49
	01931-00001	"Cardinal Endur: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.38	0.39	0.45	49
	01931-00002	"Cardinal Endur: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.33	0.34	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01931-00003	"Cardinal Endur: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.38	0.30	0.31	49
	01932-00001	"Cardinal Endur: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.40	62
	01932-00002	"Cardinal Endur: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.36	62
	01932-00003	"Cardinal Endur: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	N		BZ	0.25	0.19	0.30	62
	01932-00004	"Cardinal Endur: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	62
	01932-00005	"Cardinal Endur: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	N		GY	0.25	0.18	0.27	62
	01932-00006	"Cardinal Endur: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	62
	01933-00001	"Cardinal Endur: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.36	62
	01933-00002	"Cardinal Endur: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	62
	01933-00003	"Cardinal Endur: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	62
	01934-00001	"Cardinal Endur: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.23	0.17	0.39	50
	01934-00002	"Cardinal Endur: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.35	50
	01935-00001	"Cardinal Endur: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.35	49
	01936-00001	"Cardinal Endur: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.24	62
	01936-00002	"Cardinal Endur: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	62
	01936-00003	"Cardinal Endur: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.18	62

NFRC Product Certification Authorization Report

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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01936-00004	"Cardinal Endur: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.16	62
	01936-00005	"Cardinal Endur: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.16	62
	01936-00006	"Cardinal Endur: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	62
	01937-00001	"Cardinal Endur: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.11	0.22	61
	01937-00002	"Cardinal Endur: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.19	0.16	61
	01937-00003	"Cardinal Endur: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.15	61
	01938-00001	"Cardinal Endur: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.23	0.12	0.24	49
	01938-00002	"Cardinal Endur: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.21	49
	01939-00001	"Cardinal Endur: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	49
	01940-00001	"Cardinal Endur: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.25	0.15	0.33	62
	01940-00002	"Cardinal Endur: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.14	0.29	62
	01940-00003	"Cardinal Endur: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.24	62
	01940-00004	"Cardinal Endur: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.22	62
	01940-00005	"Cardinal Endur: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.22	62
	01940-00006	"Cardinal Endur: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.20	62
	01941-00001	"Cardinal Endur: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.14	0.29	62

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01941-00002	"Cardinal Endur: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.22	62
	01941-00003	"Cardinal Endur: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.20	62
	01942-00001	"Cardinal Endur: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.32	50
	01942-00002	"Cardinal Endur: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	50
	01943-00001	"Cardinal Endur: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	50
	01944-00001	"Cardinal Endur: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SS-D	Fill 1: KRY (80)	N		CL	0.26	0.41	0.49	61
	01944-00002	"Cardinal Endur: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.37	0.45	61
	01945-00001	"Cardinal Endur: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.37	0.45	61
	01946-00001	"Cardinal Endur: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: KRY (80)	N		CL	0.26	0.40	0.49	60
	01946-00002	"Cardinal Endur: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.36	0.44	60
	01947-00001	"Cardinal Endur: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.36	0.44	60
	01948-00001	"Cardinal Endur: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SS-D	Fill 1: KRY (80)	N		CL	0.24	0.41	0.50	47
	01948-00002	"Cardinal Endur: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.24	0.38	0.45	47
	01949-00001	"Cardinal Endur: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.38	0.45	47
	01950-00001	"Cardinal Endur: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	N		CL	0.23	0.41	0.50	47
	01950-00002	"Cardinal Endur: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.37	0.45	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01951-00001	"Cardinal Endur: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SS-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.37	0.45	47
	01952-00001	"Intercept Ultra: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR (100)	N		CL	0.41	0.50	0.53	45
	01952-00002	"Intercept Ultra: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.41	0.46	0.48	45
	01952-00003	"Intercept Ultra: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR (100)	N		BZ	0.41	0.41	0.39	45
	01952-00004	"Intercept Ultra: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.41	0.37	0.35	45
	01952-00005	"Intercept Ultra: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR (100)	N		GY	0.41	0.38	0.35	45
	01952-00006	"Intercept Ultra: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.41	0.34	0.32	45
	01953-00001	"Intercept Ultra: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.41	0.46	0.48	45
	01953-00002	"Intercept Ultra: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.41	0.37	0.35	45
	01953-00003	"Intercept Ultra: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.41	0.34	0.32	45
	01954-00001	"Intercept Ultra: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: AIR (100)	N		CL	0.29	0.18	0.42	57
	01954-00002	"Intercept Ultra: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	57
	01954-00003	"Intercept Ultra: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.31	57
	01954-00004	"Intercept Ultra: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.28	57
	01954-00005	"Intercept Ultra: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.28	57
	01954-00006	"Intercept Ultra: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.25	57

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01955-00001	"Intercept Ultra: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.37	57
	01955-00002	"Intercept Ultra: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.28	57
	01955-00003	"Intercept Ultra: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.25	57
	01956-00001	"Intercept Ultra: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.18	0.41	44
	01956-00002	"Intercept Ultra: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.37	44
	01957-00001	"Intercept Ultra: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.16	0.37	44
	01958-00001	"Intercept Ultra: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: AIR (100)	N		CL	0.29	0.12	0.25	57
	01958-00002	"Intercept Ultra: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.12	0.22	57
	01958-00003	"Intercept Ultra: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR (100)	N		BZ	0.29	0.22	0.18	57
	01958-00004	"Intercept Ultra: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.20	0.16	57
	01958-00005	"Intercept Ultra: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.17	57
	01958-00006	"Intercept Ultra: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.19	0.15	57
	01959-00001	"Intercept Ultra: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.12	0.22	57
	01959-00002	"Intercept Ultra: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.20	0.16	57
	01959-00003	"Intercept Ultra: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.19	0.15	57
	01960-00001	"Intercept Ultra: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	44

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01960-00002	"Intercept Ultra: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.22	44
	01961-00001	"Intercept Ultra: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.22	44
	01962-00001	"Intercept Ultra: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: AIR (100)	N		CL	0.29	0.15	0.34	57
	01962-00002	"Intercept Ultra: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	57
	01962-00003	"Intercept Ultra: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.25	57
	01962-00004	"Intercept Ultra: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	57
	01962-00005	"Intercept Ultra: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.22	57
	01962-00006	"Intercept Ultra: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	57
	01963-00001	"Intercept Ultra: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.30	57
	01963-00002	"Intercept Ultra: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	57
	01963-00003	"Intercept Ultra: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	57
	01964-00001	"Intercept Ultra: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.33	44
	01964-00002	"Intercept Ultra: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.13	0.29	44
	01965-00001	"Intercept Ultra: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.13	0.29	44
	01966-00001	"Intercept Ultra: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR (100)	N		CL	0.41	0.49	0.52	45
	01966-00002	"Intercept Ultra: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR (100)	N		BZ	0.41	0.39	0.38	45

NFRC Product Certification Authorization Report

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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01966-00003	"Intercept Ultra: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR (100)	N		GY	0.41	0.37	0.34	45
	01967-00001	"Intercept Ultra: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.40	0.44	0.47	45
	01967-00002	"Intercept Ultra: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.36	0.34	45
	01967-00003	"Intercept Ultra: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.40	0.33	0.31	45
	01968-00001	"Intercept Ultra: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.40	0.44	0.47	45
	01968-00002	"Intercept Ultra: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.36	0.34	45
	01968-00003	"Intercept Ultra: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.40	0.33	0.31	45
	01969-00001	"Intercept Ultra: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: AIR (100)	N		CL	0.29	0.18	0.41	57
	01969-00002	"Intercept Ultra: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR (100)	N		BZ	0.29	0.20	0.30	57
	01969-00003	"Intercept Ultra: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR (100)	N		GY	0.29	0.19	0.27	57
	01970-00001	"Intercept Ultra: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	57
	01970-00002	"Intercept Ultra: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.27	57
	01970-00003	"Intercept Ultra: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.24	57
	01971-00001	"Intercept Ultra: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.37	57
	01971-00002	"Intercept Ultra: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.27	57
	01971-00003	"Intercept Ultra: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.24	57

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01972-00001	"Intercept Ultra: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.18	0.40	44
	01973-00001	"Intercept Ultra: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.36	44
	01974-00001	"Intercept Ultra: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.16	0.36	44
	01975-00001	"Intercept Ultra: E340 / air / lami (DS/DS| 030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: AIR (100)	N		CL	0.29	0.12	0.24	57
	01975-00002	"Intercept Ultra: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	57
	01975-00003	"Intercept Ultra: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	57
	01976-00001	"Intercept Ultra: E340 / air / lami (DS/DS| 030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.11	0.22	57
	01976-00002	"Intercept Ultra: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.20	0.16	57
	01976-00003	"Intercept Ultra: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	57
	01977-00001	"Intercept Ultra: E340 / air / lami (DS/DS| 030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.11	0.22	57
	01977-00002	"Intercept Ultra: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.20	0.16	57
	01977-00003	"Intercept Ultra: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.15	57
	01978-00001	"Intercept Ultra: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	44
	01979-00001	"Intercept Ultra: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.21	43
	01980-00001	"Intercept Ultra: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.21	43
	01981-00001	"Intercept Ultra: E452 / air / lami (DS/DS| 030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: AIR (100)	N		CL	0.29	0.15	0.33	57

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01981-00002	"Intercept Ultra: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.24	57
	01981-00003	"Intercept Ultra: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.22	57
	01982-00001	"Intercept Ultra: E452 / air / lami (DS/DS| 030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	57
	01982-00002	"Intercept Ultra: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	57
	01982-00003	"Intercept Ultra: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	57
	01983-00001	"Intercept Ultra: E452 / air / lami (DS/DS| 030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.14	0.30	57
	01983-00002	"Intercept Ultra: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.22	57
	01983-00003	"Intercept Ultra: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.20	57
	01984-00001	"Intercept Ultra: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	44
	01985-00001	"Intercept Ultra: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.13	0.29	44
	01986-00001	"Intercept Ultra: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.13	0.29	44
	01987-00001	"Intercept Ultra: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	N		CL	0.40	0.44	0.51	47
	01987-00002	"Intercept Ultra: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.40	0.40	0.46	47
	01987-00003	"Intercept Ultra: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	N		BZ	0.40	0.36	0.38	47
	01987-00004	"Intercept Ultra: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.33	0.34	47
	01987-00005	"Intercept Ultra: gray-lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	N		GY	0.40	0.34	0.34	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01987-00006	"Intercept Ultra: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.40	0.31	0.31	47
	01988-00001	"Intercept Ultra: lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.40	0.40	0.46	47
	01988-00002	"Intercept Ultra: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.33	0.34	47
	01988-00003	"Intercept Ultra: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.40	0.31	0.31	47
	01989-00001	"Intercept Ultra: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.28	0.19	0.41	59
	01989-00002	"Intercept Ultra: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.37	59
	01989-00003	"Intercept Ultra: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.30	59
	01989-00004	"Intercept Ultra: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.18	0.27	59
	01989-00005	"Intercept Ultra: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	N		GY	0.28	0.19	0.27	59
	01989-00006	"Intercept Ultra: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.17	0.24	59
	01990-00001	"Intercept Ultra: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.37	59
	01990-00002	"Intercept Ultra: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.18	0.27	59
	01990-00003	"Intercept Ultra: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.17	0.24	59
	01991-00001	"Intercept Ultra: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.18	0.40	46
	01991-00002	"Intercept Ultra: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.17	0.36	46
	01992-00001	"Intercept Ultra: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.17	0.36	46

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01993-00001	"Intercept Ultra: E340-lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.29	0.13	0.24	59
	01993-00002	"Intercept Ultra: E340-lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.12	0.22	59
	01993-00003	"Intercept Ultra: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	59
	01993-00004	"Intercept Ultra: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.16	59
	01993-00005	"Intercept Ultra: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	59
	01993-00006	"Intercept Ultra: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	59
	01994-00001	"Intercept Ultra: E340-lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.12	0.22	59
	01994-00002	"Intercept Ultra: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.16	59
	01994-00003	"Intercept Ultra: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.15	59
	01995-00001	"Intercept Ultra: E340-lami / air / i89 (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	46
	01995-00002	"Intercept Ultra: E340-lami / air / i89 (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.12	0.21	46
	01996-00001	"Intercept Ultra: E340-lami / air / i89 (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.12	0.21	46
	01997-00001	"Intercept Ultra: E452-lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.28	0.16	0.33	59
	01997-00002	"Intercept Ultra: E452-lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.30	59
	01997-00003	"Intercept Ultra: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.24	59
	01997-00004	"Intercept Ultra: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	59

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	01997-00005	"Intercept Ultra: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	N		GY	0.28	0.19	0.22	59
	01997-00006	"Intercept Ultra: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	59
	01998-00001	"Intercept Ultra: E452-lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.30	59
	01998-00002	"Intercept Ultra: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	59
	01998-00003	"Intercept Ultra: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	59
	01999-00001	"Intercept Ultra: E452-lami / air / i89 (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	46
	01999-00002	"Intercept Ultra: E452-lami / air / i89 (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.14	0.29	46
	02000-00001	"Intercept Ultra: E452-lami / air / i89 (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.14	0.29	46
	02001-00001	"Intercept Ultra: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	N		CL	0.40	0.43	0.50	47
	02001-00002	"Intercept Ultra: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.40	0.39	0.45	47
	02001-00003	"Intercept Ultra: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	N		BZ	0.40	0.36	0.38	47
	02001-00004	"Intercept Ultra: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.33	0.34	47
	02001-00005	"Intercept Ultra: gray-lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	N		GY	0.40	0.34	0.34	47
	02001-00006	"Intercept Ultra: gray-lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.40	0.31	0.31	47
	02002-00001	"Intercept Ultra: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.40	0.39	0.45	47
	02002-00002	"Intercept Ultra: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.33	0.34	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02002-00003	"Intercept Ultra: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.40	0.31	0.31	47
	02003-00001	"Intercept Ultra: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.28	0.19	0.40	59
	02003-00002	"Intercept Ultra: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.36	59
	02003-00003	"Intercept Ultra: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.30	59
	02003-00004	"Intercept Ultra: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.18	0.27	59
	02003-00005	"Intercept Ultra: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	N		GY	0.28	0.19	0.27	59
	02003-00006	"Intercept Ultra: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.17	0.24	59
	02004-00001	"Intercept Ultra: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.36	59
	02004-00002	"Intercept Ultra: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.18	0.27	59
	02004-00003	"Intercept Ultra: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.17	0.24	59
	02005-00001	"Intercept Ultra: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.18	0.39	46
	02005-00002	"Intercept Ultra: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.35	46
	02006-00001	"Intercept Ultra: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.16	0.35	46
	02007-00001	"Intercept Ultra: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.29	0.13	0.24	59
	02007-00002	"Intercept Ultra: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.12	0.22	59
	02007-00003	"Intercept Ultra: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	N		BZ	0.29	0.21	0.18	59

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02007-00004	"Intercept Ultra: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.16	59
	02007-00005	"Intercept Ultra: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	N		GY	0.29	0.20	0.16	59
	02007-00006	"Intercept Ultra: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	59
	02008-00001	"Intercept Ultra: E340-lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.12	0.22	59
	02008-00002	"Intercept Ultra: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.16	59
	02008-00003	"Intercept Ultra: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.15	59
	02009-00001	"Intercept Ultra: E340-lami / air / i89 (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	46
	02009-00002	"Intercept Ultra: E340-lami / air / i89 (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.21	46
	02010-00001	"Intercept Ultra: E340-lami / air / i89 (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.21	46
	02011-00001	"Intercept Ultra: E452-lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.28	0.16	0.33	59
	02011-00002	"Intercept Ultra: E452-lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.29	59
	02011-00003	"Intercept Ultra: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.24	59
	02011-00004	"Intercept Ultra: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	59
	02011-00005	"Intercept Ultra: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	N		GY	0.28	0.19	0.22	59
	02011-00006	"Intercept Ultra: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	59
	02012-00001	"Intercept Ultra: E452-lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.29	59

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02012-00002	"Intercept Ultra: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	59
	02012-00003	"Intercept Ultra: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	59
	02013-00001	"Intercept Ultra: E452-lami / air / i89 (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	46
	02013-00002	"Intercept Ultra: E452-lami / air / i89 (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.14	0.29	46
	02014-00001	"Intercept Ultra: E452-lami / air / i89 (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.14	0.29	46
	02015-00001	"Intercept Ultra: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SU-D	Fill 1: AIR (100)	N		CL	0.29	0.41	0.49	59
	02015-00002	"Intercept Ultra: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.37	0.45	59
	02016-00001	"Intercept Ultra: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.37	0.45	58
	02017-00001	"Intercept Ultra: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: AIR (100)	N		CL	0.29	0.40	0.49	57
	02017-00002	"Intercept Ultra: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.36	0.44	57
	02018-00001	"Intercept Ultra: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.36	0.44	57
	02019-00001	"Intercept Ultra: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SU-D	Fill 1: AIR (100)	N		CL	0.26	0.41	0.50	44
	02019-00002	"Intercept Ultra: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.37	0.45	44
	02020-00001	"Intercept Ultra: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.37	0.45	44
	02021-00001	"Intercept Ultra: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	N		CL	0.26	0.40	0.50	43
	02021-00002	"Intercept Ultra: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.37	0.45	43

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
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Re-Certification Date: 10/09/2024

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02022-00001	"Intercept Ultra: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.37	0.45	43
	02023-00001	"Intercept Ultra: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG (93)	N		CL	0.39	0.50	0.53	47
	02023-00002	"Intercept Ultra: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.46	0.48	47
	02023-00003	"Intercept Ultra: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG (93)	N		BZ	0.39	0.41	0.39	47
	02023-00004	"Intercept Ultra: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.37	0.35	47
	02023-00005	"Intercept Ultra: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG (93)	N		GY	0.39	0.38	0.35	47
	02023-00006	"Intercept Ultra: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.34	0.32	47
	02024-00001	"Intercept Ultra: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.46	0.48	47
	02024-00002	"Intercept Ultra: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.37	0.35	47
	02024-00003	"Intercept Ultra: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.34	0.32	47
	02025-00001	"Intercept Ultra: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: ARG (93)	N		CL	0.26	0.18	0.42	62
	02025-00002	"Intercept Ultra: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.17	0.37	62
	02025-00003	"Intercept Ultra: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG (93)	N		BZ	0.26	0.20	0.31	62
	02025-00004	"Intercept Ultra: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.28	62
	02025-00005	"Intercept Ultra: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.28	62
	02025-00006	"Intercept Ultra: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.25	62

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02026-00001	"Intercept Ultra: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.37	61
	02026-00002	"Intercept Ultra: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.28	61
	02026-00003	"Intercept Ultra: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.25	61
	02027-00001	"Intercept Ultra: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.41	49
	02027-00002	"Intercept Ultra: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.37	49
	02028-00001	"Intercept Ultra: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.37	49
	02029-00001	"Intercept Ultra: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: ARG (93)	N		CL	0.26	0.12	0.25	61
	02029-00002	"Intercept Ultra: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.11	0.22	61
	02029-00003	"Intercept Ultra: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG (93)	N		BZ	0.26	0.22	0.18	61
	02029-00004	"Intercept Ultra: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.20	0.16	61
	02029-00005	"Intercept Ultra: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.17	61
	02029-00006	"Intercept Ultra: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.19	0.15	61
	02030-00001	"Intercept Ultra: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.11	0.22	61
	02030-00002	"Intercept Ultra: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.20	0.16	61
	02030-00003	"Intercept Ultra: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.19	0.15	61
	02031-00001	"Intercept Ultra: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	48

NFRC Product Certification Authorization Report

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Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02031-00002	"Intercept Ultra: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.22	48
	02032-00001	"Intercept Ultra: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.22	48
	02033-00001	"Intercept Ultra: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: ARG (93)	N		CL	0.26	0.15	0.34	62
	02033-00002	"Intercept Ultra: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.14	0.30	62
	02033-00003	"Intercept Ultra: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.25	62
	02033-00004	"Intercept Ultra: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.22	62
	02033-00005	"Intercept Ultra: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.22	62
	02033-00006	"Intercept Ultra: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.20	62
	02034-00001	"Intercept Ultra: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.30	62
	02034-00002	"Intercept Ultra: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.22	62
	02034-00003	"Intercept Ultra: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.20	62
	02035-00001	"Intercept Ultra: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	N		CL	0.23	0.14	0.33	49
	02035-00002	"Intercept Ultra: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	49
	02036-00001	"Intercept Ultra: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	49
	02037-00001	"Intercept Ultra: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG (93)	N		CL	0.39	0.49	0.52	47
	02037-00002	"Intercept Ultra: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG (93)	N		BZ	0.39	0.39	0.38	47

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Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02037-00003	"Intercept Ultra: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG (93)	N		GY	0.39	0.37	0.34	47
	02038-00001	"Intercept Ultra: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.44	0.47	47
	02038-00002	"Intercept Ultra: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.36	0.34	47
	02038-00003	"Intercept Ultra: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.33	0.31	47
	02039-00001	"Intercept Ultra: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.44	0.47	47
	02039-00002	"Intercept Ultra: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.36	0.34	47
	02039-00003	"Intercept Ultra: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.33	0.31	47
	02040-00001	"Intercept Ultra: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: ARG (93)	N		CL	0.25	0.18	0.41	61
	02040-00002	"Intercept Ultra: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	61
	02040-00003	"Intercept Ultra: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG (93)	N		GY	0.25	0.19	0.27	61
	02041-00001	"Intercept Ultra: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.16	0.37	61
	02041-00002	"Intercept Ultra: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.27	61
	02041-00003	"Intercept Ultra: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.17	0.24	61
	02042-00001	"Intercept Ultra: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.16	0.37	61
	02042-00002	"Intercept Ultra: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.27	61
	02042-00003	"Intercept Ultra: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.17	0.24	61

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Test Date: 07/16/2024
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02043-00001	"Intercept Ultra: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	N		CL	0.22	0.18	0.40	48
	02044-00001	"Intercept Ultra: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.36	48
	02045-00001	"Intercept Ultra: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.16	0.36	48
	02046-00001	"Intercept Ultra: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: ARG (93)	N		CL	0.26	0.12	0.24	61
	02046-00002	"Intercept Ultra: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG (93)	N		BZ	0.26	0.22	0.18	61
	02046-00003	"Intercept Ultra: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG (93)	N		GY	0.26	0.20	0.16	61
	02047-00001	"Intercept Ultra: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.11	0.22	61
	02047-00002	"Intercept Ultra: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.20	0.16	61
	02047-00003	"Intercept Ultra: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.15	61
	02048-00001	"Intercept Ultra: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.11	0.22	61
	02048-00002	"Intercept Ultra: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.20	0.16	61
	02048-00003	"Intercept Ultra: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	61
	02049-00001	"Intercept Ultra: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	48
	02050-00001	"Intercept Ultra: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.21	48
	02051-00001	"Intercept Ultra: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.11	0.21	48
	02052-00001	"Intercept Ultra: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	61

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02052-00002	"Intercept Ultra: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.24	61
	02052-00003	"Intercept Ultra: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG (93)	N		GY	0.25	0.20	0.22	61
	02053-00001	"Intercept Ultra: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.13	0.30	61
	02053-00002	"Intercept Ultra: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.22	61
	02053-00003	"Intercept Ultra: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.20	61
	02054-00001	"Intercept Ultra: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.13	0.30	61
	02054-00002	"Intercept Ultra: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.22	61
	02054-00003	"Intercept Ultra: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.20	61
	02055-00001	"Intercept Ultra: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	N		CL	0.22	0.14	0.32	48
	02056-00001	"Intercept Ultra: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	48
	02057-00001	"Intercept Ultra: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.13	0.29	48
	02058-00001	"Intercept Ultra: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	N		CL	0.39	0.44	0.51	49
	02058-00002	"Intercept Ultra: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.40	0.46	49
	02058-00003	"Intercept Ultra: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	N		BZ	0.39	0.36	0.38	49
	02058-00004	"Intercept Ultra: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.33	0.34	49
	02058-00005	"Intercept Ultra: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	N		GY	0.39	0.34	0.34	49

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Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02058-00006	"Intercept Ultra: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.31	0.31	49
	02059-00001	"Intercept Ultra: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.40	0.46	49
	02059-00002	"Intercept Ultra: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.33	0.34	49
	02059-00003	"Intercept Ultra: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.31	0.31	49
	02060-00001	"Intercept Ultra: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.25	0.18	0.41	64
	02060-00002	"Intercept Ultra: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.17	0.37	64
	02060-00003	"Intercept Ultra: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	64
	02060-00004	"Intercept Ultra: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.27	64
	02060-00005	"Intercept Ultra: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	N		GY	0.25	0.18	0.27	64
	02060-00006	"Intercept Ultra: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.24	64
	02061-00001	"Intercept Ultra: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.37	64
	02061-00002	"Intercept Ultra: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.27	64
	02061-00003	"Intercept Ultra: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	64
	02062-00001	"Intercept Ultra: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.40	51
	02062-00002	"Intercept Ultra: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.36	51
	02063-00001	"Intercept Ultra: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.36	51

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

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	02064-00001	"Intercept Ultra: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.26	0.13	0.24	64
	02064-00002	"Intercept Ultra: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.12	0.22	64
	02064-00003	"Intercept Ultra: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.18	64
	02064-00004	"Intercept Ultra: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.16	64
	02064-00005	"Intercept Ultra: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.16	64
	02064-00006	"Intercept Ultra: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.15	64
	02065-00001	"Intercept Ultra: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.12	0.22	63
	02065-00002	"Intercept Ultra: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.16	63
	02065-00003	"Intercept Ultra: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	63
	02066-00001	"Intercept Ultra: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	51
	02066-00002	"Intercept Ultra: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.21	51
	02067-00001	"Intercept Ultra: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	50
	02068-00001	"Intercept Ultra: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	64
	02068-00002	"Intercept Ultra: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.14	0.30	64
	02068-00003	"Intercept Ultra: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.24	64
	02068-00004	"Intercept Ultra: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.22	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02068-00005	"Intercept Ultra: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	N		GY	0.25	0.19	0.22	64
	02068-00006	"Intercept Ultra: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.20	64
	02069-00001	"Intercept Ultra: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.30	64
	02069-00002	"Intercept Ultra: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.22	64
	02069-00003	"Intercept Ultra: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.20	64
	02070-00001	"Intercept Ultra: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.23	0.15	0.32	51
	02070-00002	"Intercept Ultra: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	51
	02071-00001	"Intercept Ultra: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	51
	02072-00001	"Intercept Ultra: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	N		CL	0.39	0.43	0.50	49
	02072-00002	"Intercept Ultra: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.39	0.45	49
	02072-00003	"Intercept Ultra: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	N		BZ	0.39	0.36	0.38	49
	02072-00004	"Intercept Ultra: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.33	0.34	49
	02072-00005	"Intercept Ultra: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	N		GY	0.39	0.34	0.34	49
	02072-00006	"Intercept Ultra: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.31	0.31	49
	02073-00001	"Intercept Ultra: lami / arg93 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.38	0.39	0.45	49
	02073-00002	"Intercept Ultra: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.38	0.33	0.34	49

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
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Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02073-00003	"Intercept Ultra: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.38	0.31	0.31	49
	02074-00001	"Intercept Ultra: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.25	0.18	0.40	64
	02074-00002	"Intercept Ultra: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.17	0.36	64
	02074-00003	"Intercept Ultra: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	64
	02074-00004	"Intercept Ultra: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.27	64
	02074-00005	"Intercept Ultra: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	N		GY	0.25	0.18	0.27	64
	02074-00006	"Intercept Ultra: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.24	64
	02075-00001	"Intercept Ultra: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.36	64
	02075-00002	"Intercept Ultra: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.27	64
	02075-00003	"Intercept Ultra: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	64
	02076-00001	"Intercept Ultra: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.23	0.18	0.39	51
	02076-00002	"Intercept Ultra: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.16	0.35	51
	02077-00001	"Intercept Ultra: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.35	51
	02078-00001	"Intercept Ultra: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.26	0.12	0.24	64
	02078-00002	"Intercept Ultra: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.12	0.22	64
	02078-00003	"Intercept Ultra: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	N		BZ	0.26	0.21	0.18	64

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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02078-00004	"Intercept Ultra: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.19	0.16	64
	02078-00005	"Intercept Ultra: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	N		GY	0.26	0.19	0.16	64
	02078-00006	"Intercept Ultra: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.15	64
	02079-00001	"Intercept Ultra: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.12	0.22	63
	02079-00002	"Intercept Ultra: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.19	0.16	63
	02079-00003	"Intercept Ultra: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	63
	02080-00001	"Intercept Ultra: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.23	0.12	0.24	51
	02080-00002	"Intercept Ultra: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.21	51
	02081-00001	"Intercept Ultra: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	50
	02082-00001	"Intercept Ultra: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	64
	02082-00002	"Intercept Ultra: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.14	0.29	64
	02082-00003	"Intercept Ultra: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.24	64
	02082-00004	"Intercept Ultra: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.22	64
	02082-00005	"Intercept Ultra: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	N		GY	0.25	0.19	0.22	64
	02082-00006	"Intercept Ultra: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.20	64
	02083-00001	"Intercept Ultra: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.29	64

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02083-00002	"Intercept Ultra: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.22	64
	02083-00003	"Intercept Ultra: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.20	64
	02084-00001	"Intercept Ultra: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	N		CL	0.23	0.15	0.32	51
	02084-00002	"Intercept Ultra: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.13	0.29	51
	02085-00001	"Intercept Ultra: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	51
	02086-00001	"Intercept Ultra: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SU-D	Fill 1: ARG (93)	N		CL	0.26	0.41	0.49	63
	02086-00002	"Intercept Ultra: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.37	0.45	63
	02087-00001	"Intercept Ultra: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.37	0.45	63
	02088-00001	"Intercept Ultra: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: ARG (93)	N		CL	0.26	0.40	0.49	62
	02088-00002	"Intercept Ultra: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.36	0.44	62
	02089-00001	"Intercept Ultra: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.36	0.44	62
	02090-00001	"Intercept Ultra: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SU-D	Fill 1: ARG (93)	N		CL	0.24	0.41	0.50	48
	02090-00002	"Intercept Ultra: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.38	0.45	48
	02091-00001	"Intercept Ultra: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.38	0.45	48
	02092-00001	"Intercept Ultra: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	N		CL	0.24	0.41	0.50	47
	02092-00002	"Intercept Ultra: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.37	0.45	47

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Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02093-00001	"Intercept Ultra: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.37	0.45	47
	02094-00001	"Intercept Ultra: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY (80)	N		CL	0.39	0.50	0.53	47
	02094-00002	"Intercept Ultra: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.46	0.48	47
	02094-00003	"Intercept Ultra: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY (80)	N		BZ	0.39	0.41	0.39	47
	02094-00004	"Intercept Ultra: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.37	0.35	47
	02094-00005	"Intercept Ultra: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY (80)	N		GY	0.39	0.38	0.35	47
	02094-00006	"Intercept Ultra: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.34	0.32	47
	02095-00001	"Intercept Ultra: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.46	0.48	47
	02095-00002	"Intercept Ultra: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.37	0.35	47
	02095-00003	"Intercept Ultra: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.34	0.32	47
	02096-00001	"Intercept Ultra: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.42	60
	02096-00002	"Intercept Ultra: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.37	60
	02096-00003	"Intercept Ultra: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.31	60
	02096-00004	"Intercept Ultra: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.28	60
	02096-00005	"Intercept Ultra: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.28	60
	02096-00006	"Intercept Ultra: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.25	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02097-00001	"Intercept Ultra: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.37	60
	02097-00002	"Intercept Ultra: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.28	60
	02097-00003	"Intercept Ultra: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.25	60
	02098-00001	"Intercept Ultra: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	N		CL	0.22	0.18	0.41	48
	02098-00002	"Intercept Ultra: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.37	48
	02099-00001	"Intercept Ultra: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.37	48
	02100-00001	"Intercept Ultra: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.25	60
	02100-00002	"Intercept Ultra: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	60
	02100-00003	"Intercept Ultra: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY (80)	N		BZ	0.26	0.22	0.18	60
	02100-00004	"Intercept Ultra: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.20	0.16	60
	02100-00005	"Intercept Ultra: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY (80)	N		GY	0.26	0.20	0.17	60
	02100-00006	"Intercept Ultra: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.19	0.15	60
	02101-00001	"Intercept Ultra: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	60
	02101-00002	"Intercept Ultra: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.20	0.16	60
	02101-00003	"Intercept Ultra: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.19	0.15	60
	02102-00001	"Intercept Ultra: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	N		CL	0.23	0.11	0.24	48

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02102-00002	"Intercept Ultra: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.22	48
	02103-00001	"Intercept Ultra: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.22	48
	02104-00001	"Intercept Ultra: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: KRY (80)	N		CL	0.25	0.15	0.34	60
	02104-00002	"Intercept Ultra: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.13	0.30	60
	02104-00003	"Intercept Ultra: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.25	60
	02104-00004	"Intercept Ultra: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.22	60
	02104-00005	"Intercept Ultra: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY (80)	N		GY	0.25	0.20	0.22	60
	02104-00006	"Intercept Ultra: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.20	60
	02105-00001	"Intercept Ultra: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.13	0.30	60
	02105-00002	"Intercept Ultra: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.22	60
	02105-00003	"Intercept Ultra: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.20	60
	02106-00001	"Intercept Ultra: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	N		CL	0.22	0.14	0.33	48
	02106-00002	"Intercept Ultra: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	48
	02107-00001	"Intercept Ultra: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	48
	02108-00001	"Intercept Ultra: clr / kry80 / lami (DS/DS| 030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY (80)	N		CL	0.39	0.49	0.52	49
	02108-00002	"Intercept Ultra: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY (80)	N		BZ	0.39	0.39	0.38	49

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02108-00003	"Intercept Ultra: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY (80)	N		GY	0.39	0.37	0.34	49
	02109-00001	"Intercept Ultra: clr / kry80 / lami (DS/DS| 030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.38	0.44	0.47	49
	02109-00002	"Intercept Ultra: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.36	0.34	49
	02109-00003	"Intercept Ultra: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.38	0.33	0.31	49
	02110-00001	"Intercept Ultra: clr / kry80 / lami (DS/DS| 030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.38	0.44	0.47	49
	02110-00002	"Intercept Ultra: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.36	0.34	49
	02110-00003	"Intercept Ultra: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.38	0.33	0.31	49
	02111-00001	"Intercept Ultra: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.41	60
	02111-00002	"Intercept Ultra: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.30	60
	02111-00003	"Intercept Ultra: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.27	60
	02112-00001	"Intercept Ultra: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.37	60
	02112-00002	"Intercept Ultra: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	60
	02112-00003	"Intercept Ultra: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	60
	02113-00001	"Intercept Ultra: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.37	60
	02113-00002	"Intercept Ultra: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	60
	02113-00003	"Intercept Ultra: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	60

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	02114-00001	"Intercept Ultra: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: KRY (80)	N		CL	0.22	0.17	0.40	48
	02115-00001	"Intercept Ultra: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.36	48
	02116-00001	"Intercept Ultra: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.36	48
	02117-00001	"Intercept Ultra: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: KRY (80)	N		CL	0.25	0.12	0.24	60
	02117-00002	"Intercept Ultra: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY (80)	N		BZ	0.25	0.22	0.18	60
	02117-00003	"Intercept Ultra: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY (80)	N		GY	0.25	0.20	0.16	60
	02118-00001	"Intercept Ultra: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	60
	02118-00002	"Intercept Ultra: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.20	0.16	60
	02118-00003	"Intercept Ultra: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	60
	02119-00001	"Intercept Ultra: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.11	0.22	60
	02119-00002	"Intercept Ultra: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.26	0.20	0.16	60
	02119-00003	"Intercept Ultra: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.26	0.18	0.15	60
	02120-00001	"Intercept Ultra: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: KRY (80)	N		CL	0.22	0.11	0.24	48
	02121-00001	"Intercept Ultra: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.21	48
	02122-00001	"Intercept Ultra: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	48
	02123-00001	"Intercept Ultra: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: KRY (80)	N		CL	0.25	0.14	0.33	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02123-00002	"Intercept Ultra: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.24	60
	02123-00003	"Intercept Ultra: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY (80)	N		GY	0.25	0.20	0.22	60
	02124-00001	"Intercept Ultra: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.13	0.30	60
	02124-00002	"Intercept Ultra: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.22	60
	02124-00003	"Intercept Ultra: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.20	60
	02125-00001	"Intercept Ultra: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.13	0.30	60
	02125-00002	"Intercept Ultra: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.22	60
	02125-00003	"Intercept Ultra: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.20	60
	02126-00001	"Intercept Ultra: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: KRY (80)	N		CL	0.22	0.14	0.32	48
	02127-00001	"Intercept Ultra: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	48
	02128-00001	"Intercept Ultra: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	48
	02129-00001	"Intercept Ultra: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	N		CL	0.39	0.44	0.51	49
	02129-00002	"Intercept Ultra: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.40	0.46	49
	02129-00003	"Intercept Ultra: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	N		BZ	0.39	0.36	0.38	49
	02129-00004	"Intercept Ultra: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.33	0.34	49
	02129-00005	"Intercept Ultra: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	N		GY	0.39	0.34	0.34	49

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02129-00006	"Intercept Ultra: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.30	0.31	49
	02130-00001	"Intercept Ultra: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.38	0.40	0.46	49
	02130-00002	"Intercept Ultra: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.33	0.34	49
	02130-00003	"Intercept Ultra: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.38	0.30	0.31	49
	02131-00001	"Intercept Ultra: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.41	62
	02131-00002	"Intercept Ultra: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.17	0.37	62
	02131-00003	"Intercept Ultra: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	N		BZ	0.25	0.19	0.30	62
	02131-00004	"Intercept Ultra: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	62
	02131-00005	"Intercept Ultra: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	N		GY	0.25	0.18	0.27	62
	02131-00006	"Intercept Ultra: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	62
	02132-00001	"Intercept Ultra: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.17	0.37	62
	02132-00002	"Intercept Ultra: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	62
	02132-00003	"Intercept Ultra: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	62
	02133-00001	"Intercept Ultra: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.23	0.18	0.40	50
	02133-00002	"Intercept Ultra: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.36	50
	02134-00001	"Intercept Ultra: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.36	50

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02135-00001	"Intercept Ultra: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.24	62
	02135-00002	"Intercept Ultra: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.12	0.22	62
	02135-00003	"Intercept Ultra: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.18	62
	02135-00004	"Intercept Ultra: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.16	62
	02135-00005	"Intercept Ultra: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.16	62
	02135-00006	"Intercept Ultra: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	62
	02136-00001	"Intercept Ultra: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.12	0.22	62
	02136-00002	"Intercept Ultra: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.16	62
	02136-00003	"Intercept Ultra: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.15	62
	02137-00001	"Intercept Ultra: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.23	0.12	0.24	50
	02137-00002	"Intercept Ultra: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.21	50
	02138-00001	"Intercept Ultra: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	50
	02139-00001	"Intercept Ultra: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.25	0.15	0.33	62
	02139-00002	"Intercept Ultra: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.14	0.30	62
	02139-00003	"Intercept Ultra: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.24	62
	02139-00004	"Intercept Ultra: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.22	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02139-00005	"Intercept Ultra: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.22	62
	02139-00006	"Intercept Ultra: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.20	62
	02140-00001	"Intercept Ultra: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.14	0.30	62
	02140-00002	"Intercept Ultra: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.22	62
	02140-00003	"Intercept Ultra: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.20	62
	02141-00001	"Intercept Ultra: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.32	50
	02141-00002	"Intercept Ultra: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	50
	02142-00001	"Intercept Ultra: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	50
	02143-00001	"Intercept Ultra: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	N		CL	0.39	0.43	0.50	49
	02143-00002	"Intercept Ultra: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.39	0.45	49
	02143-00003	"Intercept Ultra: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	N		BZ	0.39	0.36	0.38	49
	02143-00004	"Intercept Ultra: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.33	0.34	49
	02143-00005	"Intercept Ultra: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	N		GY	0.39	0.34	0.34	49
	02143-00006	"Intercept Ultra: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.30	0.31	49
	02144-00001	"Intercept Ultra: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.38	0.39	0.45	49
	02144-00002	"Intercept Ultra: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.33	0.34	49

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02144-00003	"Intercept Ultra: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.38	0.30	0.31	49
	02145-00001	"Intercept Ultra: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.40	62
	02145-00002	"Intercept Ultra: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.36	62
	02145-00003	"Intercept Ultra: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	N		BZ	0.25	0.19	0.30	62
	02145-00004	"Intercept Ultra: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	62
	02145-00005	"Intercept Ultra: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	N		GY	0.25	0.18	0.27	62
	02145-00006	"Intercept Ultra: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	62
	02146-00001	"Intercept Ultra: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.36	62
	02146-00002	"Intercept Ultra: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	62
	02146-00003	"Intercept Ultra: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	62
	02147-00001	"Intercept Ultra: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.23	0.17	0.39	50
	02147-00002	"Intercept Ultra: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.16	0.35	50
	02148-00001	"Intercept Ultra: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.35	50
	02149-00001	"Intercept Ultra: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.26	0.12	0.24	62
	02149-00002	"Intercept Ultra: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.11	0.22	62
	02149-00003	"Intercept Ultra: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	N		BZ	0.26	0.21	0.18	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02149-00004	"Intercept Ultra: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.26	0.19	0.16	62
	02149-00005	"Intercept Ultra: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	N		GY	0.26	0.19	0.16	62
	02149-00006	"Intercept Ultra: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.26	0.18	0.15	62
	02150-00001	"Intercept Ultra: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	62
	02150-00002	"Intercept Ultra: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.16	62
	02150-00003	"Intercept Ultra: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.15	62
	02151-00001	"Intercept Ultra: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.23	0.12	0.24	50
	02151-00002	"Intercept Ultra: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.11	0.21	50
	02152-00001	"Intercept Ultra: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	50
	02153-00001	"Intercept Ultra: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.25	0.15	0.33	62
	02153-00002	"Intercept Ultra: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.14	0.29	62
	02153-00003	"Intercept Ultra: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.24	62
	02153-00004	"Intercept Ultra: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.22	62
	02153-00005	"Intercept Ultra: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.22	62
	02153-00006	"Intercept Ultra: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.20	62
	02154-00001	"Intercept Ultra: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.14	0.29	62

NFRC Product Certification Authorization Report

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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02154-00002	"Intercept Ultra: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.22	62
	02154-00003	"Intercept Ultra: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.20	62
	02155-00001	"Intercept Ultra: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	N		CL	0.23	0.14	0.32	50
	02155-00002	"Intercept Ultra: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.13	0.29	50
	02156-00001	"Intercept Ultra: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	50
	02157-00001	"Intercept Ultra: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SU-D	Fill 1: KRY (80)	N		CL	0.26	0.41	0.49	61
	02157-00002	"Intercept Ultra: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.37	0.45	61
	02158-00001	"Intercept Ultra: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.37	0.45	61
	02159-00001	"Intercept Ultra: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: KRY (80)	N		CL	0.26	0.40	0.49	60
	02159-00002	"Intercept Ultra: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.26	0.36	0.44	60
	02160-00001	"Intercept Ultra: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.26	0.36	0.44	60
	02161-00001	"Intercept Ultra: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SU-D	Fill 1: KRY (80)	N		CL	0.23	0.41	0.50	47
	02161-00002	"Intercept Ultra: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.38	0.45	47
	02162-00001	"Intercept Ultra: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.38	0.45	47
	02163-00001	"Intercept Ultra: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	N		CL	0.23	0.41	0.50	47
	02163-00002	"Intercept Ultra: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.37	0.45	47

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02164-00001	"Intercept Ultra: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SU-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.37	0.45	47
	02165-00001	"Super Spacer S2: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR (100)	N		CL	0.41	0.50	0.53	45
	02165-00002	"Super Spacer S2: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.41	0.46	0.48	45
	02165-00003	"Super Spacer S2: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR (100)	N		BZ	0.41	0.41	0.39	45
	02165-00004	"Super Spacer S2: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.41	0.37	0.35	45
	02165-00005	"Super Spacer S2: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR (100)	N		GY	0.41	0.38	0.35	45
	02165-00006	"Super Spacer S2: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.41	0.34	0.32	45
	02166-00001	"Super Spacer S2: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.40	0.46	0.48	45
	02166-00002	"Super Spacer S2: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.37	0.35	45
	02166-00003	"Super Spacer S2: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.40	0.34	0.32	45
	02167-00001	"Super Spacer S2: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.18	0.42	58
	02167-00002	"Super Spacer S2: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.37	58
	02167-00003	"Super Spacer S2: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.31	58
	02167-00004	"Super Spacer S2: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.28	58
	02167-00005	"Super Spacer S2: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.28	58
	02167-00006	"Super Spacer S2: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.25	58

NFRC Product Certification Authorization Report

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Simulation Lab: SATI
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02168-00001	"Super Spacer S2: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.37	58
	02168-00002	"Super Spacer S2: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.28	58
	02168-00003	"Super Spacer S2: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.25	58
	02169-00001	"Super Spacer S2: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.18	0.41	45
	02169-00002	"Super Spacer S2: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.37	45
	02170-00001	"Super Spacer S2: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.16	0.37	45
	02171-00001	"Super Spacer S2: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.12	0.25	58
	02171-00002	"Super Spacer S2: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.12	0.22	58
	02171-00003	"Super Spacer S2: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.22	0.18	58
	02171-00004	"Super Spacer S2: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.20	0.16	58
	02171-00005	"Super Spacer S2: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.20	0.17	58
	02171-00006	"Super Spacer S2: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.19	0.15	58
	02172-00001	"Super Spacer S2: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.12	0.22	57
	02172-00002	"Super Spacer S2: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.20	0.16	57
	02172-00003	"Super Spacer S2: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.19	0.15	57
	02173-00001	"Super Spacer S2: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02173-00002	"Super Spacer S2: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.22	45
	02174-00001	"Super Spacer S2: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.11	0.22	44
	02175-00001	"Super Spacer S2: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.15	0.34	58
	02175-00002	"Super Spacer S2: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.30	58
	02175-00003	"Super Spacer S2: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.25	58
	02175-00004	"Super Spacer S2: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	58
	02175-00005	"Super Spacer S2: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.20	0.22	58
	02175-00006	"Super Spacer S2: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	58
	02176-00001	"Super Spacer S2: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.30	58
	02176-00002	"Super Spacer S2: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	58
	02176-00003	"Super Spacer S2: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	58
	02177-00001	"Super Spacer S2: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.15	0.33	45
	02177-00002	"Super Spacer S2: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.13	0.29	45
	02178-00001	"Super Spacer S2: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.13	0.29	45
	02179-00001	"Super Spacer S2: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR (100)	N		CL	0.40	0.49	0.52	46
	02179-00002	"Super Spacer S2: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR (100)	N		BZ	0.40	0.39	0.38	46

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

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Print Date: 04/29/2026
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02179-00003	"Super Spacer S2: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR (100)	N		GY	0.40	0.37	0.34	46
	02180-00001	"Super Spacer S2: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.40	0.44	0.47	46
	02180-00002	"Super Spacer S2: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.36	0.34	46
	02180-00003	"Super Spacer S2: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.40	0.33	0.31	46
	02181-00001	"Super Spacer S2: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.40	0.44	0.47	46
	02181-00002	"Super Spacer S2: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.36	0.34	46
	02181-00003	"Super Spacer S2: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.40	0.33	0.31	46
	02182-00001	"Super Spacer S2: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.18	0.41	58
	02182-00002	"Super Spacer S2: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.30	58
	02182-00003	"Super Spacer S2: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.27	58
	02183-00001	"Super Spacer S2: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	58
	02183-00002	"Super Spacer S2: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.27	58
	02183-00003	"Super Spacer S2: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.24	58
	02184-00001	"Super Spacer S2: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.37	58
	02184-00002	"Super Spacer S2: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.27	58
	02184-00003	"Super Spacer S2: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.24	58

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02185-00001	"Super Spacer S2: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.18	0.40	44
	02186-00001	"Super Spacer S2: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.36	44
	02187-00001	"Super Spacer S2: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.16	0.36	44
	02188-00001	"Super Spacer S2: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.12	0.24	58
	02188-00002	"Super Spacer S2: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.18	58
	02188-00003	"Super Spacer S2: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.20	0.16	58
	02189-00001	"Super Spacer S2: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.29	0.11	0.22	57
	02189-00002	"Super Spacer S2: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.20	0.16	57
	02189-00003	"Super Spacer S2: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	57
	02190-00001	"Super Spacer S2: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.29	0.11	0.22	57
	02190-00002	"Super Spacer S2: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.20	0.16	57
	02190-00003	"Super Spacer S2: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.15	57
	02191-00001	"Super Spacer S2: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	44
	02192-00001	"Super Spacer S2: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.21	44
	02193-00001	"Super Spacer S2: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.21	44
	02194-00001	"Super Spacer S2: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.15	0.33	58

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02194-00002	"Super Spacer S2: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.24	58
	02194-00003	"Super Spacer S2: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.20	0.22	58
	02195-00001	"Super Spacer S2: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	58
	02195-00002	"Super Spacer S2: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	58
	02195-00003	"Super Spacer S2: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	58
	02196-00001	"Super Spacer S2: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.29	0.14	0.30	58
	02196-00002	"Super Spacer S2: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.22	58
	02196-00003	"Super Spacer S2: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.20	58
	02197-00001	"Super Spacer S2: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	45
	02198-00001	"Super Spacer S2: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.13	0.29	44
	02199-00001	"Super Spacer S2: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.13	0.29	44
	02200-00001	"Super Spacer S2: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.40	0.44	0.51	48
	02200-00002	"Super Spacer S2: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.40	0.40	0.46	48
	02200-00003	"Super Spacer S2: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	N		BZ	0.40	0.36	0.38	48
	02200-00004	"Super Spacer S2: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.33	0.34	48
	02200-00005	"Super Spacer S2: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	N		GY	0.40	0.34	0.34	48

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02200-00006	"Super Spacer S2: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.40	0.31	0.31	48
	02201-00001	"Super Spacer S2: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.40	0.40	0.46	47
	02201-00002	"Super Spacer S2: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.33	0.34	47
	02201-00003	"Super Spacer S2: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.40	0.31	0.31	47
	02202-00001	"Super Spacer S2: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.19	0.41	60
	02202-00002	"Super Spacer S2: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.37	60
	02202-00003	"Super Spacer S2: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.30	60
	02202-00004	"Super Spacer S2: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.18	0.27	60
	02202-00005	"Super Spacer S2: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.27	60
	02202-00006	"Super Spacer S2: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.17	0.24	60
	02203-00001	"Super Spacer S2: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.37	60
	02203-00002	"Super Spacer S2: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.18	0.27	60
	02203-00003	"Super Spacer S2: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.17	0.24	60
	02204-00001	"Super Spacer S2: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.24	0.18	0.40	47
	02204-00002	"Super Spacer S2: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.24	0.17	0.36	47
	02205-00001	"Super Spacer S2: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.17	0.36	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02206-00001	"Super Spacer S2: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.13	0.24	60
	02206-00002	"Super Spacer S2: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.12	0.22	60
	02206-00003	"Super Spacer S2: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.18	60
	02206-00004	"Super Spacer S2: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.16	60
	02206-00005	"Super Spacer S2: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.20	0.16	60
	02206-00006	"Super Spacer S2: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.15	60
	02207-00001	"Super Spacer S2: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.12	0.22	60
	02207-00002	"Super Spacer S2: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.16	60
	02207-00003	"Super Spacer S2: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.15	60
	02208-00001	"Super Spacer S2: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	47
	02208-00002	"Super Spacer S2: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.12	0.21	47
	02209-00001	"Super Spacer S2: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.12	0.21	47
	02210-00001	"Super Spacer S2: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.16	0.33	60
	02210-00002	"Super Spacer S2: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.30	60
	02210-00003	"Super Spacer S2: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.24	60
	02210-00004	"Super Spacer S2: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	60

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02210-00005	"Super Spacer S2: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.22	60
	02210-00006	"Super Spacer S2: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	60
	02211-00001	"Super Spacer S2: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.30	60
	02211-00002	"Super Spacer S2: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	60
	02211-00003	"Super Spacer S2: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	60
	02212-00001	"Super Spacer S2: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.24	0.15	0.32	47
	02212-00002	"Super Spacer S2: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.24	0.14	0.29	47
	02213-00001	"Super Spacer S2: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.14	0.29	47
	02214-00001	"Super Spacer S2: lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.40	0.43	0.50	48
	02214-00002	"Super Spacer S2: lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.40	0.39	0.45	48
	02214-00003	"Super Spacer S2: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	N		BZ	0.40	0.36	0.38	48
	02214-00004	"Super Spacer S2: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.33	0.34	48
	02214-00005	"Super Spacer S2: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	N		GY	0.40	0.34	0.34	48
	02214-00006	"Super Spacer S2: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.40	0.31	0.31	48
	02215-00001	"Super Spacer S2: lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.39	0.39	0.45	48
	02215-00002	"Super Spacer S2: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.39	0.33	0.34	48

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02215-00003	"Super Spacer S2: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.39	0.31	0.31	48
	02216-00001	"Super Spacer S2: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.19	0.40	60
	02216-00002	"Super Spacer S2: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.36	60
	02216-00003	"Super Spacer S2: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.30	60
	02216-00004	"Super Spacer S2: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.18	0.27	60
	02216-00005	"Super Spacer S2: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.27	60
	02216-00006	"Super Spacer S2: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.17	0.24	60
	02217-00001	"Super Spacer S2: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.36	60
	02217-00002	"Super Spacer S2: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.18	0.27	60
	02217-00003	"Super Spacer S2: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.17	0.24	60
	02218-00001	"Super Spacer S2: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.24	0.18	0.39	47
	02218-00002	"Super Spacer S2: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.24	0.16	0.35	47
	02219-00001	"Super Spacer S2: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.16	0.35	47
	02220-00001	"Super Spacer S2: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.13	0.24	60
	02220-00002	"Super Spacer S2: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.12	0.22	60
	02220-00003	"Super Spacer S2: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.18	60

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02220-00004	"Super Spacer S2: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.16	60
	02220-00005	"Super Spacer S2: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.20	0.16	60
	02220-00006	"Super Spacer S2: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.15	60
	02221-00001	"Super Spacer S2: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.12	0.22	60
	02221-00002	"Super Spacer S2: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.16	60
	02221-00003	"Super Spacer S2: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.15	60
	02222-00001	"Super Spacer S2: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	47
	02222-00002	"Super Spacer S2: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.21	47
	02223-00001	"Super Spacer S2: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.11	0.21	47
	02224-00001	"Super Spacer S2: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.28	0.16	0.33	60
	02224-00002	"Super Spacer S2: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.29	60
	02224-00003	"Super Spacer S2: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.24	60
	02224-00004	"Super Spacer S2: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	60
	02224-00005	"Super Spacer S2: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	N		GY	0.28	0.19	0.22	60
	02224-00006	"Super Spacer S2: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	60
	02225-00001	"Super Spacer S2: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.29	60

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02225-00002	"Super Spacer S2: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	60
	02225-00003	"Super Spacer S2: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	60
	02226-00001	"Super Spacer S2: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	N		CL	0.24	0.15	0.32	47
	02226-00002	"Super Spacer S2: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.24	0.14	0.29	47
	02227-00001	"Super Spacer S2: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.25	0.14	0.29	47
	02228-00001	"Super Spacer S2: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	ZF-S	Fill 1: AIR (100)	N		CL	0.29	0.41	0.49	59
	02228-00002	"Super Spacer S2: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.29	0.37	0.45	59
	02229-00001	"Super Spacer S2: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.29	0.37	0.45	59
	02230-00001	"Super Spacer S2: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: AIR (100)	N		CL	0.29	0.40	0.49	58
	02230-00002	"Super Spacer S2: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.29	0.36	0.44	58
	02231-00001	"Super Spacer S2: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.28	0.36	0.44	58
	02232-00001	"Super Spacer S2: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.41	0.50	45
	02232-00002	"Super Spacer S2: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.37	0.45	45
	02233-00001	"Super Spacer S2: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.37	0.45	45
	02234-00001	"Super Spacer S2: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.40	0.50	44
	02234-00002	"Super Spacer S2: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.37	0.45	44

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02235-00001	"Super Spacer S2: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.37	0.45	43
	02236-00001	"Super Spacer S2: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG (93)	N		CL	0.39	0.50	0.53	47
	02236-00002	"Super Spacer S2: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.39	0.46	0.48	47
	02236-00003	"Super Spacer S2: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG (93)	N		BZ	0.39	0.41	0.39	47
	02236-00004	"Super Spacer S2: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.37	0.35	47
	02236-00005	"Super Spacer S2: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG (93)	N		GY	0.39	0.38	0.35	47
	02236-00006	"Super Spacer S2: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.39	0.34	0.32	47
	02237-00001	"Super Spacer S2: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.39	0.46	0.48	47
	02237-00002	"Super Spacer S2: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.37	0.35	47
	02237-00003	"Super Spacer S2: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.39	0.34	0.32	47
	02238-00001	"Super Spacer S2: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.18	0.42	62
	02238-00002	"Super Spacer S2: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.17	0.37	62
	02238-00003	"Super Spacer S2: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.31	62
	02238-00004	"Super Spacer S2: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.28	62
	02238-00005	"Super Spacer S2: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.28	62
	02238-00006	"Super Spacer S2: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.25	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02239-00001	"Super Spacer S2: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.37	62
	02239-00002	"Super Spacer S2: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.28	62
	02239-00003	"Super Spacer S2: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.25	62
	02240-00001	"Super Spacer S2: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.18	0.41	49
	02240-00002	"Super Spacer S2: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.37	49
	02241-00001	"Super Spacer S2: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.37	49
	02242-00001	"Super Spacer S2: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.12	0.25	62
	02242-00002	"Super Spacer S2: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.11	0.22	62
	02242-00003	"Super Spacer S2: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.22	0.18	62
	02242-00004	"Super Spacer S2: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.20	0.16	62
	02242-00005	"Super Spacer S2: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.20	0.17	62
	02242-00006	"Super Spacer S2: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.19	0.15	62
	02243-00001	"Super Spacer S2: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.11	0.22	62
	02243-00002	"Super Spacer S2: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.20	0.16	62
	02243-00003	"Super Spacer S2: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.19	0.15	62
	02244-00001	"Super Spacer S2: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.12	0.24	49

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02244-00002	"Super Spacer S2: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.11	0.22	49
	02245-00001	"Super Spacer S2: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.22	49
	02246-00001	"Super Spacer S2: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.15	0.34	62
	02246-00002	"Super Spacer S2: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.14	0.30	62
	02246-00003	"Super Spacer S2: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.25	62
	02246-00004	"Super Spacer S2: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.22	62
	02246-00005	"Super Spacer S2: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.20	0.22	62
	02246-00006	"Super Spacer S2: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.20	62
	02247-00001	"Super Spacer S2: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.30	62
	02247-00002	"Super Spacer S2: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.22	62
	02247-00003	"Super Spacer S2: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.20	62
	02248-00001	"Super Spacer S2: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.14	0.33	50
	02248-00002	"Super Spacer S2: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	50
	02249-00001	"Super Spacer S2: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	49
	02250-00001	"Super Spacer S2: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG (93)	N		CL	0.38	0.49	0.52	48
	02250-00002	"Super Spacer S2: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG (93)	N		BZ	0.38	0.39	0.38	48

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02250-00003	"Super Spacer S2: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG (93)	N		GY	0.38	0.37	0.34	48
	02251-00001	"Super Spacer S2: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.38	0.44	0.47	48
	02251-00002	"Super Spacer S2: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.38	0.36	0.34	48
	02251-00003	"Super Spacer S2: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.38	0.33	0.31	48
	02252-00001	"Super Spacer S2: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.38	0.44	0.47	48
	02252-00002	"Super Spacer S2: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.38	0.36	0.34	48
	02252-00003	"Super Spacer S2: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.38	0.33	0.31	48
	02253-00001	"Super Spacer S2: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.18	0.41	62
	02253-00002	"Super Spacer S2: bronze / arg93 / E366 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	62
	02253-00003	"Super Spacer S2: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.27	62
	02254-00001	"Super Spacer S2: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.16	0.37	62
	02254-00002	"Super Spacer S2: bronze / arg93 / E366 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.27	62
	02254-00003	"Super Spacer S2: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.24	62
	02255-00001	"Super Spacer S2: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.16	0.37	62
	02255-00002	"Super Spacer S2: bronze / arg93 / E366 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.27	62
	02255-00003	"Super Spacer S2: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02256-00001	"Super Spacer S2: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.18	0.40	49
	02257-00001	"Super Spacer S2: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.36	49
	02258-00001	"Super Spacer S2: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.36	49
	02259-00001	"Super Spacer S2: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.12	0.24	62
	02259-00002	"Super Spacer S2: bronze / arg93 / E340 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.22	0.18	62
	02259-00003	"Super Spacer S2: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.20	0.16	62
	02260-00001	"Super Spacer S2: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.26	0.11	0.22	62
	02260-00002	"Super Spacer S2: bronze / arg93 / E340 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.20	0.16	62
	02260-00003	"Super Spacer S2: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.15	62
	02261-00001	"Super Spacer S2: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.26	0.11	0.22	62
	02261-00002	"Super Spacer S2: bronze / arg93 / E340 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.20	0.16	62
	02261-00003	"Super Spacer S2: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	62
	02262-00001	"Super Spacer S2: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.12	0.24	49
	02263-00001	"Super Spacer S2: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.11	0.21	49
	02264-00001	"Super Spacer S2: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	49
	02265-00001	"Super Spacer S2: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	62

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02265-00002	"Super Spacer S2: bronze / arg93 / E452 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.24	62
	02265-00003	"Super Spacer S2: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.20	0.22	62
	02266-00001	"Super Spacer S2: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.13	0.30	62
	02266-00002	"Super Spacer S2: bronze / arg93 / E452 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.22	62
	02266-00003	"Super Spacer S2: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.20	62
	02267-00001	"Super Spacer S2: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.13	0.30	62
	02267-00002	"Super Spacer S2: bronze / arg93 / E452 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.22	62
	02267-00003	"Super Spacer S2: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.20	62
	02268-00001	"Super Spacer S2: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.14	0.32	49
	02269-00001	"Super Spacer S2: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	49
	02270-00001	"Super Spacer S2: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	49
	02271-00001	"Super Spacer S2: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.38	0.44	0.51	49
	02271-00002	"Super Spacer S2: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.38	0.40	0.46	49
	02271-00003	"Super Spacer S2: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	N		BZ	0.38	0.36	0.38	49
	02271-00004	"Super Spacer S2: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.38	0.33	0.34	49
	02271-00005	"Super Spacer S2: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	N		GY	0.38	0.34	0.34	49

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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02271-00006	"Super Spacer S2: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.38	0.31	0.31	49
	02272-00001	"Super Spacer S2: lami / arg93 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.38	0.40	0.46	49
	02272-00002	"Super Spacer S2: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.38	0.33	0.34	49
	02272-00003	"Super Spacer S2: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.38	0.31	0.31	49
	02273-00001	"Super Spacer S2: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.18	0.41	65
	02273-00002	"Super Spacer S2: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.17	0.37	65
	02273-00003	"Super Spacer S2: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	65
	02273-00004	"Super Spacer S2: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.27	65
	02273-00005	"Super Spacer S2: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.18	0.27	65
	02273-00006	"Super Spacer S2: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.24	65
	02274-00001	"Super Spacer S2: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.37	64
	02274-00002	"Super Spacer S2: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.27	64
	02274-00003	"Super Spacer S2: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	64
	02275-00001	"Super Spacer S2: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.18	0.40	52
	02275-00002	"Super Spacer S2: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.36	52
	02276-00001	"Super Spacer S2: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.36	52

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02277-00001	"Super Spacer S2: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.13	0.24	64
	02277-00002	"Super Spacer S2: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.12	0.22	64
	02277-00003	"Super Spacer S2: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.18	64
	02277-00004	"Super Spacer S2: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.16	64
	02277-00005	"Super Spacer S2: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.16	64
	02277-00006	"Super Spacer S2: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.15	64
	02278-00001	"Super Spacer S2: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.12	0.22	64
	02278-00002	"Super Spacer S2: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.16	64
	02278-00003	"Super Spacer S2: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.15	64
	02279-00001	"Super Spacer S2: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.12	0.24	51
	02279-00002	"Super Spacer S2: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.11	0.21	51
	02280-00001	"Super Spacer S2: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	51
	02281-00001	"Super Spacer S2: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	65
	02281-00002	"Super Spacer S2: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.14	0.30	65
	02281-00003	"Super Spacer S2: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.24	65
	02281-00004	"Super Spacer S2: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.22	65

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02281-00005	"Super Spacer S2: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.22	65
	02281-00006	"Super Spacer S2: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.20	65
	02282-00001	"Super Spacer S2: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.30	65
	02282-00002	"Super Spacer S2: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.22	65
	02282-00003	"Super Spacer S2: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.20	65
	02283-00001	"Super Spacer S2: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.15	0.32	52
	02283-00002	"Super Spacer S2: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	52
	02284-00001	"Super Spacer S2: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	52
	02285-00001	"Super Spacer S2: lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.38	0.43	0.50	50
	02285-00002	"Super Spacer S2: lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.38	0.39	0.45	50
	02285-00003	"Super Spacer S2: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	N		BZ	0.38	0.36	0.38	50
	02285-00004	"Super Spacer S2: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.38	0.33	0.34	50
	02285-00005	"Super Spacer S2: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	N		GY	0.38	0.34	0.34	50
	02285-00006	"Super Spacer S2: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.38	0.31	0.31	50
	02286-00001	"Super Spacer S2: lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.38	0.39	0.45	50
	02286-00002	"Super Spacer S2: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.38	0.33	0.34	50

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02286-00003	"Super Spacer S2: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.38	0.31	0.31	50
	02287-00001	"Super Spacer S2: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.18	0.40	65
	02287-00002	"Super Spacer S2: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.17	0.36	65
	02287-00003	"Super Spacer S2: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	65
	02287-00004	"Super Spacer S2: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.27	65
	02287-00005	"Super Spacer S2: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.18	0.27	65
	02287-00006	"Super Spacer S2: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.24	65
	02288-00001	"Super Spacer S2: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.36	64
	02288-00002	"Super Spacer S2: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.27	64
	02288-00003	"Super Spacer S2: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	64
	02289-00001	"Super Spacer S2: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.18	0.39	52
	02289-00002	"Super Spacer S2: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.35	52
	02290-00001	"Super Spacer S2: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.35	52
	02291-00001	"Super Spacer S2: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.12	0.24	64
	02291-00002	"Super Spacer S2: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.12	0.22	64
	02291-00003	"Super Spacer S2: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.18	64

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02291-00004	"Super Spacer S2: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.16	64
	02291-00005	"Super Spacer S2: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.16	64
	02291-00006	"Super Spacer S2: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.15	64
	02292-00001	"Super Spacer S2: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.12	0.22	64
	02292-00002	"Super Spacer S2: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.16	64
	02292-00003	"Super Spacer S2: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.15	64
	02293-00001	"Super Spacer S2: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.12	0.24	51
	02293-00002	"Super Spacer S2: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.11	0.21	51
	02294-00001	"Super Spacer S2: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	51
	02295-00001	"Super Spacer S2: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	65
	02295-00002	"Super Spacer S2: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.25	0.14	0.29	65
	02295-00003	"Super Spacer S2: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.24	65
	02295-00004	"Super Spacer S2: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.22	65
	02295-00005	"Super Spacer S2: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	N		GY	0.25	0.19	0.22	65
	02295-00006	"Super Spacer S2: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.20	65
	02296-00001	"Super Spacer S2: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.29	65

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02296-00002	"Super Spacer S2: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.22	65
	02296-00003	"Super Spacer S2: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.20	65
	02297-00001	"Super Spacer S2: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	N		CL	0.22	0.15	0.32	52
	02297-00002	"Super Spacer S2: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	52
	02298-00001	"Super Spacer S2: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	52
	02299-00001	"Super Spacer S2: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	ZF-S	Fill 1: ARG (93)	N		CL	0.26	0.41	0.49	64
	02299-00002	"Super Spacer S2: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.26	0.37	0.45	64
	02300-00001	"Super Spacer S2: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.26	0.37	0.45	64
	02301-00001	"Super Spacer S2: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: ARG (93)	N		CL	0.26	0.40	0.49	63
	02301-00002	"Super Spacer S2: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.26	0.36	0.44	63
	02302-00001	"Super Spacer S2: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.25	0.36	0.44	63
	02303-00001	"Super Spacer S2: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	ZF-S	Fill 1: ARG (93)	N		CL	0.23	0.41	0.50	49
	02303-00002	"Super Spacer S2: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.38	0.45	49
	02304-00001	"Super Spacer S2: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.24	0.38	0.45	49
	02305-00001	"Super Spacer S2: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	N		CL	0.23	0.41	0.50	48
	02305-00002	"Super Spacer S2: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.37	0.45	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02306-00001	"Super Spacer S2: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.24	0.37	0.45	48
	02307-00001	"Super Spacer S2: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY (80)	N		CL	0.39	0.50	0.53	48
	02307-00002	"Super Spacer S2: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.39	0.46	0.48	48
	02307-00003	"Super Spacer S2: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY (80)	N		BZ	0.39	0.41	0.39	48
	02307-00004	"Super Spacer S2: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.37	0.35	48
	02307-00005	"Super Spacer S2: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY (80)	N		GY	0.39	0.38	0.35	48
	02307-00006	"Super Spacer S2: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.39	0.34	0.32	48
	02308-00001	"Super Spacer S2: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.38	0.46	0.48	48
	02308-00002	"Super Spacer S2: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.37	0.35	48
	02308-00003	"Super Spacer S2: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.38	0.34	0.32	48
	02309-00001	"Super Spacer S2: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.18	0.42	61
	02309-00002	"Super Spacer S2: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.37	61
	02309-00003	"Super Spacer S2: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.31	61
	02309-00004	"Super Spacer S2: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.28	61
	02309-00005	"Super Spacer S2: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.28	61
	02309-00006	"Super Spacer S2: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.25	61

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02310-00001	"Super Spacer S2: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.37	61
	02310-00002	"Super Spacer S2: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.28	61
	02310-00003	"Super Spacer S2: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.25	61
	02311-00001	"Super Spacer S2: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.18	0.41	49
	02311-00002	"Super Spacer S2: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.37	49
	02312-00001	"Super Spacer S2: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.37	49
	02313-00001	"Super Spacer S2: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.12	0.25	61
	02313-00002	"Super Spacer S2: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.11	0.22	61
	02313-00003	"Super Spacer S2: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.22	0.18	61
	02313-00004	"Super Spacer S2: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.20	0.16	61
	02313-00005	"Super Spacer S2: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.20	0.17	61
	02313-00006	"Super Spacer S2: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.19	0.15	61
	02314-00001	"Super Spacer S2: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	61
	02314-00002	"Super Spacer S2: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.20	0.16	61
	02314-00003	"Super Spacer S2: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.19	0.15	61
	02315-00001	"Super Spacer S2: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.11	0.24	49

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02315-00002	"Super Spacer S2: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.22	49
	02316-00001	"Super Spacer S2: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.22	49
	02317-00001	"Super Spacer S2: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.15	0.34	61
	02317-00002	"Super Spacer S2: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.13	0.30	61
	02317-00003	"Super Spacer S2: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.25	61
	02317-00004	"Super Spacer S2: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.22	61
	02317-00005	"Super Spacer S2: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.20	0.22	61
	02317-00006	"Super Spacer S2: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.20	61
	02318-00001	"Super Spacer S2: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.13	0.30	61
	02318-00002	"Super Spacer S2: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.22	61
	02318-00003	"Super Spacer S2: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.20	61
	02319-00001	"Super Spacer S2: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.14	0.33	49
	02319-00002	"Super Spacer S2: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	49
	02320-00001	"Super Spacer S2: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	49
	02321-00001	"Super Spacer S2: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY (80)	N		CL	0.38	0.49	0.52	49
	02321-00002	"Super Spacer S2: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY (80)	N		BZ	0.38	0.39	0.38	49

NFRC Product Certification Authorization Report

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Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
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Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02321-00003	"Super Spacer S2: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY (80)	N		GY	0.38	0.37	0.34	49
	02322-00001	"Super Spacer S2: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.38	0.44	0.47	49
	02322-00002	"Super Spacer S2: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.36	0.34	49
	02322-00003	"Super Spacer S2: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.38	0.33	0.31	49
	02323-00001	"Super Spacer S2: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.38	0.44	0.47	49
	02323-00002	"Super Spacer S2: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.36	0.34	49
	02323-00003	"Super Spacer S2: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.38	0.33	0.31	49
	02324-00001	"Super Spacer S2: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.18	0.41	61
	02324-00002	"Super Spacer S2: bronze / kry80 / E366 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.30	61
	02324-00003	"Super Spacer S2: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.27	61
	02325-00001	"Super Spacer S2: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.37	61
	02325-00002	"Super Spacer S2: bronze / kry80 / E366 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	61
	02325-00003	"Super Spacer S2: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	61
	02326-00001	"Super Spacer S2: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.37	61
	02326-00002	"Super Spacer S2: bronze / kry80 / E366 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	61
	02326-00003	"Super Spacer S2: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	61

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02327-00001	"Super Spacer S2: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.17	0.40	49
	02328-00001	"Super Spacer S2: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.36	49
	02329-00001	"Super Spacer S2: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.36	49
	02330-00001	"Super Spacer S2: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.12	0.24	61
	02330-00002	"Super Spacer S2: bronze / kry80 / E340 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.22	0.18	61
	02330-00003	"Super Spacer S2: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.20	0.16	61
	02331-00001	"Super Spacer S2: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.11	0.22	61
	02331-00002	"Super Spacer S2: bronze / kry80 / E340 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.20	0.16	61
	02331-00003	"Super Spacer S2: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.15	61
	02332-00001	"Super Spacer S2: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	61
	02332-00002	"Super Spacer S2: bronze / kry80 / E340 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.20	0.16	61
	02332-00003	"Super Spacer S2: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.15	61
	02333-00001	"Super Spacer S2: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.11	0.24	49
	02334-00001	"Super Spacer S2: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.21	49
	02335-00001	"Super Spacer S2: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	49
	02336-00001	"Super Spacer S2: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.14	0.33	61

NFRC Product Certification Authorization Report

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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02336-00002	"Super Spacer S2: bronze / kry80 / E452 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.24	61
	02336-00003	"Super Spacer S2: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.20	0.22	61
	02337-00001	"Super Spacer S2: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.13	0.30	61
	02337-00002	"Super Spacer S2: bronze / kry80 / E452 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.22	61
	02337-00003	"Super Spacer S2: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.20	61
	02338-00001	"Super Spacer S2: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.13	0.30	61
	02338-00002	"Super Spacer S2: bronze / kry80 / E452 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.22	61
	02338-00003	"Super Spacer S2: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.20	61
	02339-00001	"Super Spacer S2: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.14	0.32	49
	02340-00001	"Super Spacer S2: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	49
	02341-00001	"Super Spacer S2: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	49
	02342-00001	"Super Spacer S2: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.38	0.44	0.51	49
	02342-00002	"Super Spacer S2: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.38	0.40	0.46	49
	02342-00003	"Super Spacer S2: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	N		BZ	0.38	0.36	0.38	49
	02342-00004	"Super Spacer S2: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.33	0.34	49
	02342-00005	"Super Spacer S2: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	N		GY	0.38	0.34	0.34	49

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02342-00006	"Super Spacer S2: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.38	0.30	0.31	49
	02343-00001	"Super Spacer S2: lami / kry80 / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.38	0.40	0.46	49
	02343-00002	"Super Spacer S2: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.33	0.34	49
	02343-00003	"Super Spacer S2: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.38	0.30	0.31	49
	02344-00001	"Super Spacer S2: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.18	0.41	63
	02344-00002	"Super Spacer S2: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.17	0.37	63
	02344-00003	"Super Spacer S2: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.19	0.30	63
	02344-00004	"Super Spacer S2: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	63
	02344-00005	"Super Spacer S2: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.18	0.27	63
	02344-00006	"Super Spacer S2: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	63
	02345-00001	"Super Spacer S2: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.17	0.37	63
	02345-00002	"Super Spacer S2: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	63
	02345-00003	"Super Spacer S2: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	63
	02346-00001	"Super Spacer S2: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.18	0.40	51
	02346-00002	"Super Spacer S2: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.36	51
	02347-00001	"Super Spacer S2: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.36	51

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02348-00001	"Super Spacer S2: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.12	0.24	63
	02348-00002	"Super Spacer S2: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.12	0.22	63
	02348-00003	"Super Spacer S2: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.18	63
	02348-00004	"Super Spacer S2: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.16	63
	02348-00005	"Super Spacer S2: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.16	63
	02348-00006	"Super Spacer S2: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.15	63
	02349-00001	"Super Spacer S2: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.12	0.22	62
	02349-00002	"Super Spacer S2: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.16	62
	02349-00003	"Super Spacer S2: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.15	62
	02350-00001	"Super Spacer S2: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.12	0.24	50
	02350-00002	"Super Spacer S2: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.21	50
	02351-00001	"Super Spacer S2: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	50
	02352-00001	"Super Spacer S2: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.15	0.33	63
	02352-00002	"Super Spacer S2: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.14	0.30	63
	02352-00003	"Super Spacer S2: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.24	63
	02352-00004	"Super Spacer S2: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.22	63

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02352-00005	"Super Spacer S2: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.22	63
	02352-00006	"Super Spacer S2: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.20	63
	02353-00001	"Super Spacer S2: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.14	0.30	63
	02353-00002	"Super Spacer S2: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.22	63
	02353-00003	"Super Spacer S2: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.20	63
	02354-00001	"Super Spacer S2: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.14	0.32	51
	02354-00002	"Super Spacer S2: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	51
	02355-00001	"Super Spacer S2: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	51
	02356-00001	"Super Spacer S2: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.38	0.43	0.50	50
	02356-00002	"Super Spacer S2: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.38	0.39	0.45	50
	02356-00003	"Super Spacer S2: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	N		BZ	0.38	0.36	0.38	50
	02356-00004	"Super Spacer S2: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.33	0.34	50
	02356-00005	"Super Spacer S2: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	N		GY	0.38	0.34	0.34	50
	02356-00006	"Super Spacer S2: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.38	0.30	0.31	50
	02357-00001	"Super Spacer S2: lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.38	0.39	0.45	50
	02357-00002	"Super Spacer S2: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.33	0.34	50

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02357-00003	"Super Spacer S2: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.540	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.38	0.30	0.31	50
	02358-00001	"Super Spacer S2: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.18	0.40	63
	02358-00002	"Super Spacer S2: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.36	63
	02358-00003	"Super Spacer S2: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.19	0.30	63
	02358-00004	"Super Spacer S2: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	63
	02358-00005	"Super Spacer S2: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.18	0.27	63
	02358-00006	"Super Spacer S2: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	63
	02359-00001	"Super Spacer S2: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.36	63
	02359-00002	"Super Spacer S2: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	63
	02359-00003	"Super Spacer S2: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	63
	02360-00001	"Super Spacer S2: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.17	0.39	51
	02360-00002	"Super Spacer S2: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.35	51
	02361-00001	"Super Spacer S2: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.35	51
	02362-00001	"Super Spacer S2: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.12	0.24	63
	02362-00002	"Super Spacer S2: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.11	0.22	63
	02362-00003	"Super Spacer S2: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.18	63

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02362-00004	"Super Spacer S2: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.16	63
	02362-00005	"Super Spacer S2: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.16	63
	02362-00006	"Super Spacer S2: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.15	63
	02363-00001	"Super Spacer S2: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	62
	02363-00002	"Super Spacer S2: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.16	62
	02363-00003	"Super Spacer S2: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.15	62
	02364-00001	"Super Spacer S2: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.12	0.24	50
	02364-00002	"Super Spacer S2: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.21	50
	02365-00001	"Super Spacer S2: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	50
	02366-00001	"Super Spacer S2: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.15	0.33	63
	02366-00002	"Super Spacer S2: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.14	0.29	63
	02366-00003	"Super Spacer S2: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.24	63
	02366-00004	"Super Spacer S2: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.22	63
	02366-00005	"Super Spacer S2: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	N		GY	0.25	0.19	0.22	63
	02366-00006	"Super Spacer S2: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.20	63
	02367-00001	"Super Spacer S2: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.14	0.29	63

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02367-00002	"Super Spacer S2: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.22	63
	02367-00003	"Super Spacer S2: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.20	63
	02368-00001	"Super Spacer S2: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	N		CL	0.22	0.14	0.32	51
	02368-00002	"Super Spacer S2: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	51
	02369-00001	"Super Spacer S2: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.540	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	51
	02370-00001	"Super Spacer S2: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	ZF-S	Fill 1: KRY (80)	N		CL	0.26	0.41	0.49	62
	02370-00002	"Super Spacer S2: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.26	0.37	0.45	62
	02371-00001	"Super Spacer S2: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.560	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.37	0.45	62
	02372-00001	"Super Spacer S2: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: KRY (80)	N		CL	0.25	0.40	0.49	61
	02372-00002	"Super Spacer S2: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.25	0.36	0.44	61
	02373-00001	"Super Spacer S2: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.25	0.36	0.44	61
	02374-00001	"Super Spacer S2: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	ZF-S	Fill 1: KRY (80)	N		CL	0.23	0.41	0.50	48
	02374-00002	"Super Spacer S2: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.23	0.38	0.45	48
	02375-00001	"Super Spacer S2: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.560	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.24	0.38	0.45	48
	02376-00001	"Super Spacer S2: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	N		CL	0.23	0.41	0.50	48
	02376-00002	"Super Spacer S2: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	G	0.75	CL	0.23	0.37	0.45	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02377-00001	"Super Spacer S2: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	ZF-S	Fill 1: KRY (80)	S	0.75	CL	0.24	0.37	0.45	48
	02378-00001	"Extreme Intercept: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: AIR (100)	N		CL	0.41	0.50	0.53	45
	02378-00002	"Extreme Intercept: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.41	0.46	0.48	45
	02378-00003	"Extreme Intercept: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: AIR (100)	N		BZ	0.41	0.41	0.39	45
	02378-00004	"Extreme Intercept: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.41	0.37	0.35	45
	02378-00005	"Extreme Intercept: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: AIR (100)	N		GY	0.41	0.38	0.35	45
	02378-00006	"Extreme Intercept: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.41	0.34	0.32	45
	02379-00001	"Extreme Intercept: clr / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.41	0.46	0.48	45
	02379-00002	"Extreme Intercept: bronze / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.41	0.37	0.35	45
	02379-00003	"Extreme Intercept: gray / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.41	0.34	0.32	45
	02380-00001	"Extreme Intercept: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.18	0.42	58
	02380-00002	"Extreme Intercept: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.37	58
	02380-00003	"Extreme Intercept: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.31	58
	02380-00004	"Extreme Intercept: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.28	58
	02380-00005	"Extreme Intercept: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.19	0.28	58
	02380-00006	"Extreme Intercept: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.25	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02381-00001	"Extreme Intercept: E366 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.37	58
	02381-00002	"Extreme Intercept: bronze / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.28	58
	02381-00003	"Extreme Intercept: gray / air / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.25	58
	02382-00001	"Extreme Intercept: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	N		CL	0.24	0.18	0.41	45
	02382-00002	"Extreme Intercept: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.24	0.16	0.37	45
	02383-00001	"Extreme Intercept: E366 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.16	0.37	45
	02384-00001	"Extreme Intercept: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.12	0.25	58
	02384-00002	"Extreme Intercept: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.12	0.22	58
	02384-00003	"Extreme Intercept: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.22	0.18	58
	02384-00004	"Extreme Intercept: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.20	0.16	58
	02384-00005	"Extreme Intercept: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.20	0.17	58
	02384-00006	"Extreme Intercept: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.19	0.15	58
	02385-00001	"Extreme Intercept: E340 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.12	0.22	58
	02385-00002	"Extreme Intercept: bronze / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.20	0.16	58
	02385-00003	"Extreme Intercept: gray / air / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.19	0.15	58
	02386-00001	"Extreme Intercept: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	45

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02386-00002	"Extreme Intercept: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.22	45
	02387-00001	"Extreme Intercept: E340 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.11	0.22	45
	02388-00001	"Extreme Intercept: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.15	0.34	58
	02388-00002	"Extreme Intercept: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.30	58
	02388-00003	"Extreme Intercept: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.25	58
	02388-00004	"Extreme Intercept: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	58
	02388-00005	"Extreme Intercept: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.20	0.22	58
	02388-00006	"Extreme Intercept: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	58
	02389-00001	"Extreme Intercept: E452 / air / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.30	58
	02389-00002	"Extreme Intercept: bronze / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	58
	02389-00003	"Extreme Intercept: gray / air / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	58
	02390-00001	"Extreme Intercept: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	N		CL	0.24	0.15	0.33	45
	02390-00002	"Extreme Intercept: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.24	0.13	0.29	45
	02391-00001	"Extreme Intercept: E452 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.13	0.29	45
	02392-00001	"Extreme Intercept: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	N		CL	0.40	0.49	0.52	46
	02392-00002	"Extreme Intercept: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.40	0.44	0.47	46

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Product Type: PRAW
Air Leakage: ≤ 0.3

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CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02392-00003	"Extreme Intercept: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	N		BZ	0.40	0.39	0.38	46
	02392-00004	"Extreme Intercept: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.36	0.34	46
	02392-00005	"Extreme Intercept: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	N		GY	0.40	0.37	0.34	46
	02392-00006	"Extreme Intercept: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.40	0.33	0.31	46
	02393-00001	"Extreme Intercept: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.40	0.44	0.47	46
	02393-00002	"Extreme Intercept: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.36	0.34	46
	02393-00003	"Extreme Intercept: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.40	0.33	0.31	46
	02394-00001	"Extreme Intercept: clr / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.40	0.44	0.47	46
	02394-00002	"Extreme Intercept: bronze / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.36	0.34	46
	02394-00003	"Extreme Intercept: gray / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.40	0.33	0.31	46
	02395-00001	"Extreme Intercept: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.18	0.41	58
	02395-00002	"Extreme Intercept: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.37	58
	02395-00003	"Extreme Intercept: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.30	58
	02395-00004	"Extreme Intercept: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.27	58
	02395-00005	"Extreme Intercept: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.19	0.27	58
	02395-00006	"Extreme Intercept: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.24	58

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	02396-00001	"Extreme Intercept: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.17	0.37	58
	02396-00002	"Extreme Intercept: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.27	58
	02396-00003	"Extreme Intercept: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.24	58
	02397-00001	"Extreme Intercept: E366 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.17	0.37	58
	02397-00002	"Extreme Intercept: bronze / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.27	58
	02397-00003	"Extreme Intercept: gray / air / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.24	58
	02398-00001	"Extreme Intercept: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	N		CL	0.25	0.18	0.40	45
	02398-00002	"Extreme Intercept: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.36	45
	02399-00001	"Extreme Intercept: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.16	0.36	45
	02400-00001	"Extreme Intercept: E366 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.16	0.36	45
	02401-00001	"Extreme Intercept: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.12	0.24	58
	02401-00002	"Extreme Intercept: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.11	0.22	58
	02401-00003	"Extreme Intercept: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.18	58
	02401-00004	"Extreme Intercept: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.20	0.16	58
	02401-00005	"Extreme Intercept: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.20	0.16	58
	02401-00006	"Extreme Intercept: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.15	58

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	02402-00001	"Extreme Intercept: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.11	0.22	58
	02402-00002	"Extreme Intercept: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.20	0.16	58
	02402-00003	"Extreme Intercept: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.15	58
	02403-00001	"Extreme Intercept: E340 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.11	0.22	58
	02403-00002	"Extreme Intercept: bronze / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.20	0.16	58
	02403-00003	"Extreme Intercept: gray / air / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.15	58
	02404-00001	"Extreme Intercept: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	45
	02404-00002	"Extreme Intercept: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.21	45
	02405-00001	"Extreme Intercept: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.21	45
	02406-00001	"Extreme Intercept: E340 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.11	0.21	45
	02407-00001	"Extreme Intercept: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.15	0.33	58
	02407-00002	"Extreme Intercept: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.30	58
	02407-00003	"Extreme Intercept: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.24	58
	02407-00004	"Extreme Intercept: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	58
	02407-00005	"Extreme Intercept: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.20	0.22	58
	02407-00006	"Extreme Intercept: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	58

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02408-00001	"Extreme Intercept: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.14	0.30	58
	02408-00002	"Extreme Intercept: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.29	0.19	0.22	58
	02408-00003	"Extreme Intercept: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.29	0.18	0.20	58
	02409-00001	"Extreme Intercept: E452 / air / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.14	0.30	58
	02409-00002	"Extreme Intercept: bronze / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.29	0.19	0.22	58
	02409-00003	"Extreme Intercept: gray / air / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.29	0.18	0.20	58
	02410-00001	"Extreme Intercept: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	N		CL	0.25	0.15	0.32	45
	02410-00002	"Extreme Intercept: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.13	0.29	45
	02411-00001	"Extreme Intercept: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.13	0.29	45
	02412-00001	"Extreme Intercept: E452 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.13	0.29	45
	02413-00001	"Extreme Intercept: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	N		CL	0.40	0.44	0.51	47
	02413-00002	"Extreme Intercept: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.40	0.40	0.46	47
	02413-00003	"Extreme Intercept: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	N		BZ	0.40	0.36	0.38	47
	02413-00004	"Extreme Intercept: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.33	0.34	47
	02413-00005	"Extreme Intercept: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	N		GY	0.40	0.34	0.34	47
	02413-00006	"Extreme Intercept: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.40	0.31	0.31	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02414-00001	"Extreme Intercept: lami / air / clr (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.40	0.40	0.46	47
	02414-00002	"Extreme Intercept: bronze-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.33	0.34	47
	02414-00003	"Extreme Intercept: gray-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.40	0.31	0.31	47
	02415-00001	"Extreme Intercept: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.19	0.41	49
	02415-00002	"Extreme Intercept: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.37	49
	02415-00003	"Extreme Intercept: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.30	49
	02415-00004	"Extreme Intercept: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.18	0.27	49
	02415-00005	"Extreme Intercept: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.19	0.27	49
	02415-00006	"Extreme Intercept: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.17	0.24	49
	02416-00001	"Extreme Intercept: E366-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.37	49
	02416-00002	"Extreme Intercept: bronze-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.18	0.27	49
	02416-00003	"Extreme Intercept: gray-lami / air / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.17	0.24	49
	02417-00001	"Extreme Intercept: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.24	0.18	0.40	36
	02417-00002	"Extreme Intercept: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.24	0.17	0.36	36
	02418-00001	"Extreme Intercept: E366-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.17	0.36	35
	02419-00001	"Extreme Intercept: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.13	0.24	49

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02419-00002	"Extreme Intercept: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.12	0.22	49
	02419-00003	"Extreme Intercept: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.18	49
	02419-00004	"Extreme Intercept: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.16	49
	02419-00005	"Extreme Intercept: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.20	0.16	49
	02419-00006	"Extreme Intercept: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.15	49
	02420-00001	"Extreme Intercept: E340-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.12	0.22	49
	02420-00002	"Extreme Intercept: bronze-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.16	49
	02420-00003	"Extreme Intercept: gray-lami / air / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.15	49
	02421-00001	"Extreme Intercept: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	36
	02421-00002	"Extreme Intercept: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.12	0.21	36
	02422-00001	"Extreme Intercept: E340-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.12	0.21	35
	02423-00001	"Extreme Intercept: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.16	0.33	49
	02423-00002	"Extreme Intercept: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.30	49
	02423-00003	"Extreme Intercept: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.24	49
	02423-00004	"Extreme Intercept: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	49
	02423-00005	"Extreme Intercept: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.19	0.22	49

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02423-00006	"Extreme Intercept: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	49
	02424-00001	"Extreme Intercept: E452-lami / air / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.30	49
	02424-00002	"Extreme Intercept: bronze-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	49
	02424-00003	"Extreme Intercept: gray-lami / air / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	49
	02425-00001	"Extreme Intercept: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.24	0.15	0.32	36
	02425-00002	"Extreme Intercept: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.24	0.14	0.29	36
	02426-00001	"Extreme Intercept: E452-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.14	0.29	35
	02427-00001	"Extreme Intercept: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	N		CL	0.40	0.43	0.50	48
	02427-00002	"Extreme Intercept: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.40	0.39	0.45	48
	02427-00003	"Extreme Intercept: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	N		BZ	0.40	0.36	0.38	48
	02427-00004	"Extreme Intercept: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.40	0.33	0.34	48
	02427-00005	"Extreme Intercept: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	N		GY	0.40	0.34	0.34	48
	02427-00006	"Extreme Intercept: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.40	0.31	0.31	48
	02428-00001	"Extreme Intercept: lami / air / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.40	0.39	0.45	48
	02428-00002	"Extreme Intercept: bronze-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.40	0.33	0.34	48
	02428-00003	"Extreme Intercept: gray-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.40	0.31	0.31	48

NFRC Product Certification Authorization Report

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Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02429-00001	"Extreme Intercept: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.19	0.40	49
	02429-00002	"Extreme Intercept: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.17	0.36	49
	02429-00003	"Extreme Intercept: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.30	49
	02429-00004	"Extreme Intercept: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.18	0.27	49
	02429-00005	"Extreme Intercept: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.19	0.27	49
	02429-00006	"Extreme Intercept: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.17	0.24	49
	02430-00001	"Extreme Intercept: E366-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.17	0.36	49
	02430-00002	"Extreme Intercept: bronze-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.18	0.27	49
	02430-00003	"Extreme Intercept: gray-lami / air / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.17	0.24	49
	02431-00001	"Extreme Intercept: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.24	0.18	0.39	36
	02431-00002	"Extreme Intercept: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.24	0.16	0.35	36
	02432-00001	"Extreme Intercept: E366-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.16	0.35	35
	02433-00001	"Extreme Intercept: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.13	0.24	49
	02433-00002	"Extreme Intercept: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.12	0.22	49
	02433-00003	"Extreme Intercept: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.21	0.18	49
	02433-00004	"Extreme Intercept: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.16	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02433-00005	"Extreme Intercept: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.20	0.16	49
	02433-00006	"Extreme Intercept: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.15	49
	02434-00001	"Extreme Intercept: E340-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.12	0.22	49
	02434-00002	"Extreme Intercept: bronze-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.16	49
	02434-00003	"Extreme Intercept: gray-lami / air / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.15	49
	02435-00001	"Extreme Intercept: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.25	0.12	0.24	36
	02435-00002	"Extreme Intercept: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.11	0.21	36
	02436-00001	"Extreme Intercept: E340-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.11	0.21	35
	02437-00001	"Extreme Intercept: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.28	0.16	0.33	49
	02437-00002	"Extreme Intercept: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.28	0.14	0.29	49
	02437-00003	"Extreme Intercept: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	N		BZ	0.28	0.20	0.24	49
	02437-00004	"Extreme Intercept: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	BZ	0.28	0.19	0.22	49
	02437-00005	"Extreme Intercept: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	N		GY	0.28	0.19	0.22	49
	02437-00006	"Extreme Intercept: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	GY	0.28	0.18	0.20	49
	02438-00001	"Extreme Intercept: E452-lami / air / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.14	0.29	49
	02438-00002	"Extreme Intercept: bronze-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	BZ	0.28	0.19	0.22	49

NFRC Product Certification Authorization Report

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Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02438-00003	"Extreme Intercept: gray-lami / air / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	GY	0.28	0.18	0.20	49
	02439-00001	"Extreme Intercept: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.24	0.15	0.32	36
	02439-00002	"Extreme Intercept: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.24	0.14	0.29	36
	02440-00001	"Extreme Intercept: E452-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.25	0.14	0.29	35
	02441-00001	"Extreme Intercept: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SX-D	Fill 1: AIR (100)	N		CL	0.29	0.41	0.49	59
	02441-00002	"Extreme Intercept: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.37	0.45	59
	02442-00001	"Extreme Intercept: E180 / air / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.37	0.45	59
	02443-00001	"Extreme Intercept: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SX-D	Fill 1: AIR (100)	N		CL	0.29	0.40	0.49	58
	02443-00002	"Extreme Intercept: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.29	0.36	0.44	58
	02444-00001	"Extreme Intercept: E180 / air / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.29	0.36	0.44	58
	02445-00001	"Extreme Intercept: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SX-D	Fill 1: AIR (100)	N		CL	0.25	0.41	0.50	45
	02445-00002	"Extreme Intercept: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.37	0.45	45
	02446-00001	"Extreme Intercept: E180 / air / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.37	0.45	45
	02447-00001	"Extreme Intercept: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	N		CL	0.25	0.40	0.50	44
	02447-00002	"Extreme Intercept: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.37	0.45	44
	02448-00001	"Extreme Intercept: E180 / air / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.37	0.45	44

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02449-00001	"Extreme Intercept: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: ARG (93)	N		CL	0.39	0.50	0.53	47
	02449-00002	"Extreme Intercept: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.39	0.46	0.48	47
	02449-00003	"Extreme Intercept: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: ARG (93)	N		BZ	0.39	0.41	0.39	47
	02449-00004	"Extreme Intercept: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.39	0.37	0.35	47
	02449-00005	"Extreme Intercept: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: ARG (93)	N		GY	0.39	0.38	0.35	47
	02449-00006	"Extreme Intercept: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.39	0.34	0.32	47
	02450-00001	"Extreme Intercept: clr / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.39	0.46	0.48	47
	02450-00002	"Extreme Intercept: bronze / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.39	0.37	0.35	47
	02450-00003	"Extreme Intercept: gray / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.39	0.34	0.32	47
	02451-00001	"Extreme Intercept: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.18	0.42	63
	02451-00002	"Extreme Intercept: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.17	0.37	63
	02451-00003	"Extreme Intercept: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.31	63
	02451-00004	"Extreme Intercept: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.28	63
	02451-00005	"Extreme Intercept: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.19	0.28	63
	02451-00006	"Extreme Intercept: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.25	63
	02452-00001	"Extreme Intercept: E366 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.37	63

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02452-00002	"Extreme Intercept: bronze / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.28	63
	02452-00003	"Extreme Intercept: gray / arg93 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.25	63
	02453-00001	"Extreme Intercept: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.18	0.41	50
	02453-00002	"Extreme Intercept: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.37	50
	02454-00001	"Extreme Intercept: E366 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.37	50
	02455-00001	"Extreme Intercept: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.12	0.25	62
	02455-00002	"Extreme Intercept: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.11	0.22	62
	02455-00003	"Extreme Intercept: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.22	0.18	62
	02455-00004	"Extreme Intercept: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.20	0.16	62
	02455-00005	"Extreme Intercept: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.20	0.17	62
	02455-00006	"Extreme Intercept: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.19	0.15	62
	02456-00001	"Extreme Intercept: E340 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.11	0.22	62
	02456-00002	"Extreme Intercept: bronze / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.20	0.16	62
	02456-00003	"Extreme Intercept: gray / arg93 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.19	0.15	62
	02457-00001	"Extreme Intercept: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.12	0.24	50
	02457-00002	"Extreme Intercept: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.11	0.22	50

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02458-00001	"Extreme Intercept: E340 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.22	49
	02459-00001	"Extreme Intercept: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.15	0.34	63
	02459-00002	"Extreme Intercept: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.14	0.30	63
	02459-00003	"Extreme Intercept: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.25	63
	02459-00004	"Extreme Intercept: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.22	63
	02459-00005	"Extreme Intercept: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.20	0.22	63
	02459-00006	"Extreme Intercept: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.20	63
	02460-00001	"Extreme Intercept: E452 / arg93 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.30	63
	02460-00002	"Extreme Intercept: bronze / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.22	63
	02460-00003	"Extreme Intercept: gray / arg93 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.20	63
	02461-00001	"Extreme Intercept: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.14	0.33	50
	02461-00002	"Extreme Intercept: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	50
	02462-00001	"Extreme Intercept: E452 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	50
	02463-00001	"Extreme Intercept: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	N		CL	0.38	0.49	0.52	48
	02463-00002	"Extreme Intercept: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.38	0.44	0.47	48
	02463-00003	"Extreme Intercept: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	N		BZ	0.38	0.39	0.38	48

NFRC Product Certification Authorization Report

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Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02463-00004	"Extreme Intercept: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.38	0.36	0.34	48
	02463-00005	"Extreme Intercept: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	N		GY	0.38	0.37	0.34	48
	02463-00006	"Extreme Intercept: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.38	0.33	0.31	48
	02464-00001	"Extreme Intercept: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.38	0.44	0.47	48
	02464-00002	"Extreme Intercept: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.38	0.36	0.34	48
	02464-00003	"Extreme Intercept: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.38	0.33	0.31	48
	02465-00001	"Extreme Intercept: clr / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.38	0.44	0.47	48
	02465-00002	"Extreme Intercept: bronze / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.38	0.36	0.34	48
	02465-00003	"Extreme Intercept: gray / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.38	0.33	0.31	48
	02466-00001	"Extreme Intercept: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.18	0.41	63
	02466-00002	"Extreme Intercept: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.16	0.37	63
	02466-00003	"Extreme Intercept: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	63
	02466-00004	"Extreme Intercept: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.27	63
	02466-00005	"Extreme Intercept: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.19	0.27	63
	02466-00006	"Extreme Intercept: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.24	63

NFRC Product Certification Authorization Report

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Print Date: 04/29/2026
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Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02467-00001	"Extreme Intercept: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.16	0.37	62
	02467-00002	"Extreme Intercept: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.27	62
	02467-00003	"Extreme Intercept: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.24	62
	02468-00001	"Extreme Intercept: E366 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.16	0.37	62
	02468-00002	"Extreme Intercept: bronze / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.27	62
	02468-00003	"Extreme Intercept: gray / arg93 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	62
	02469-00001	"Extreme Intercept: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.18	0.40	50
	02469-00002	"Extreme Intercept: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.36	50
	02470-00001	"Extreme Intercept: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.36	50
	02471-00001	"Extreme Intercept: E366 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.36	50
	02472-00001	"Extreme Intercept: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.12	0.24	62
	02472-00002	"Extreme Intercept: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.11	0.22	62
	02472-00003	"Extreme Intercept: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.22	0.18	62
	02472-00004	"Extreme Intercept: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.20	0.16	62

NFRC Product Certification Authorization Report

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Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
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Print Date: 04/29/2026
Test Date: 07/16/2024
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02472-00005	"Extreme Intercept: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.20	0.16	62
	02472-00006	"Extreme Intercept: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.15	62
	02473-00001	"Extreme Intercept: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.11	0.22	62
	02473-00002	"Extreme Intercept: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.26	0.20	0.16	62
	02473-00003	"Extreme Intercept: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.26	0.18	0.15	62
	02474-00001	"Extreme Intercept: E340 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.11	0.22	62
	02474-00002	"Extreme Intercept: bronze / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.26	0.20	0.16	62
	02474-00003	"Extreme Intercept: gray / arg93 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.26	0.18	0.15	62
	02475-00001	"Extreme Intercept: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.12	0.24	49
	02475-00002	"Extreme Intercept: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.11	0.21	49
	02476-00001	"Extreme Intercept: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.11	0.21	49
	02477-00001	"Extreme Intercept: E340 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	49
	02478-00001	"Extreme Intercept: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	63
	02478-00002	"Extreme Intercept: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.13	0.30	63
	02478-00003	"Extreme Intercept: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.24	63

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Print Date: 04/29/2026

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Product Type: PRAW
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02478-00004	"Extreme Intercept: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.22	63
	02478-00005	"Extreme Intercept: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.20	0.22	63
	02478-00006	"Extreme Intercept: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.20	63
	02479-00001	"Extreme Intercept: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.13	0.30	63
	02479-00002	"Extreme Intercept: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.22	63
	02479-00003	"Extreme Intercept: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.20	63
	02480-00001	"Extreme Intercept: E452 / arg93 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.13	0.30	63
	02480-00002	"Extreme Intercept: bronze / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.22	63
	02480-00003	"Extreme Intercept: gray / arg93 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.20	63
	02481-00001	"Extreme Intercept: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.14	0.32	50
	02481-00002	"Extreme Intercept: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	50
	02482-00001	"Extreme Intercept: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	50
	02483-00001	"Extreme Intercept: E452 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	50
	02484-00001	"Extreme Intercept: lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	N		CL	0.38	0.44	0.51	49
	02484-00002	"Extreme Intercept: lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.38	0.40	0.46	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02484-00003	"Extreme Intercept: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	N		BZ	0.38	0.36	0.38	49
	02484-00004	"Extreme Intercept: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.38	0.33	0.34	49
	02484-00005	"Extreme Intercept: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	N		GY	0.38	0.34	0.34	49
	02484-00006	"Extreme Intercept: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.38	0.31	0.31	49
	02485-00001	"Extreme Intercept: lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.38	0.40	0.46	49
	02485-00002	"Extreme Intercept: bronze-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.38	0.33	0.34	49
	02485-00003	"Extreme Intercept: gray-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.38	0.31	0.31	49
	02486-00001	"Extreme Intercept: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.18	0.41	51
	02486-00002	"Extreme Intercept: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.17	0.37	51
	02486-00003	"Extreme Intercept: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	51
	02486-00004	"Extreme Intercept: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.27	51
	02486-00005	"Extreme Intercept: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.18	0.27	51
	02486-00006	"Extreme Intercept: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.24	51
	02487-00001	"Extreme Intercept: E366-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.37	51
	02487-00002	"Extreme Intercept: bronze-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.27	51
	02487-00003	"Extreme Intercept: gray-lami / arg93 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	51

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02488-00001	"Extreme Intercept: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.18	0.40	38
	02488-00002	"Extreme Intercept: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.36	38
	02489-00001	"Extreme Intercept: E366-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.36	37
	02490-00001	"Extreme Intercept: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.13	0.24	51
	02490-00002	"Extreme Intercept: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.12	0.22	51
	02490-00003	"Extreme Intercept: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.18	51
	02490-00004	"Extreme Intercept: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.16	51
	02490-00005	"Extreme Intercept: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.19	0.16	51
	02490-00006	"Extreme Intercept: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.15	51
	02491-00001	"Extreme Intercept: E340-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.12	0.22	51
	02491-00002	"Extreme Intercept: bronze-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.16	51
	02491-00003	"Extreme Intercept: gray-lami / arg93 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.15	51
	02492-00001	"Extreme Intercept: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.12	0.24	38
	02492-00002	"Extreme Intercept: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.11	0.21	38
	02493-00001	"Extreme Intercept: E340-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	37
	02494-00001	"Extreme Intercept: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	51

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02494-00002	"Extreme Intercept: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.14	0.30	51
	02494-00003	"Extreme Intercept: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.24	51
	02494-00004	"Extreme Intercept: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.22	51
	02494-00005	"Extreme Intercept: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.19	0.22	51
	02494-00006	"Extreme Intercept: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.20	51
	02495-00001	"Extreme Intercept: E452-lami / arg93 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.30	51
	02495-00002	"Extreme Intercept: bronze-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.22	51
	02495-00003	"Extreme Intercept: gray-lami / arg93 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.20	51
	02496-00001	"Extreme Intercept: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.15	0.32	38
	02496-00002	"Extreme Intercept: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	38
	02497-00001	"Extreme Intercept: E452-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	37
	02498-00001	"Extreme Intercept: lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	N		CL	0.38	0.43	0.50	49
	02498-00002	"Extreme Intercept: lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.38	0.39	0.45	49
	02498-00003	"Extreme Intercept: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	N		BZ	0.38	0.36	0.38	49
	02498-00004	"Extreme Intercept: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.38	0.33	0.34	49
	02498-00005	"Extreme Intercept: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	N		GY	0.38	0.34	0.34	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
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City/State/Zip: Parkersburg, WV 26104
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02498-00006	"Extreme Intercept: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.38	0.31	0.31	49
	02499-00001	"Extreme Intercept: lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.38	0.39	0.45	49
	02499-00002	"Extreme Intercept: bronze-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.38	0.33	0.34	49
	02499-00003	"Extreme Intercept: gray-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.38	0.31	0.31	49
	02500-00001	"Extreme Intercept: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.18	0.40	51
	02500-00002	"Extreme Intercept: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.17	0.36	51
	02500-00003	"Extreme Intercept: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.30	51
	02500-00004	"Extreme Intercept: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.27	51
	02500-00005	"Extreme Intercept: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.18	0.27	51
	02500-00006	"Extreme Intercept: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.24	51
	02501-00001	"Extreme Intercept: E366-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.17	0.36	51
	02501-00002	"Extreme Intercept: bronze-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.27	51
	02501-00003	"Extreme Intercept: gray-lami / arg93 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.24	51
	02502-00001	"Extreme Intercept: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.18	0.39	38
	02502-00002	"Extreme Intercept: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.16	0.35	38
	02503-00001	"Extreme Intercept: E366-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.16	0.35	37

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02504-00001	"Extreme Intercept: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.12	0.24	51
	02504-00002	"Extreme Intercept: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.12	0.22	51
	02504-00003	"Extreme Intercept: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.21	0.18	51
	02504-00004	"Extreme Intercept: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.19	0.16	51
	02504-00005	"Extreme Intercept: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.19	0.16	51
	02504-00006	"Extreme Intercept: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.18	0.15	51
	02505-00001	"Extreme Intercept: E340-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.12	0.22	51
	02505-00002	"Extreme Intercept: bronze-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.19	0.16	51
	02505-00003	"Extreme Intercept: gray-lami / arg93 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.18	0.15	51
	02506-00001	"Extreme Intercept: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.12	0.24	38
	02506-00002	"Extreme Intercept: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.11	0.21	38
	02507-00001	"Extreme Intercept: E340-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.11	0.21	37
	02508-00001	"Extreme Intercept: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.15	0.33	51
	02508-00002	"Extreme Intercept: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.14	0.29	51
	02508-00003	"Extreme Intercept: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	N		BZ	0.25	0.20	0.24	51
	02508-00004	"Extreme Intercept: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	BZ	0.25	0.18	0.22	51

NFRC Product Certification Authorization Report

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Re-Certification Date: 10/09/2024

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Test Date: 07/16/2024
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02508-00005	"Extreme Intercept: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	N		GY	0.25	0.19	0.22	51
	02508-00006	"Extreme Intercept: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	GY	0.25	0.17	0.20	51
	02509-00001	"Extreme Intercept: E452-lami / arg93 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.14	0.29	51
	02509-00002	"Extreme Intercept: bronze-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	BZ	0.25	0.18	0.22	51
	02509-00003	"Extreme Intercept: gray-lami / arg93 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	GY	0.25	0.17	0.20	51
	02510-00001	"Extreme Intercept: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.22	0.15	0.32	38
	02510-00002	"Extreme Intercept: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.22	0.13	0.29	38
	02511-00001	"Extreme Intercept: E452-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.23	0.13	0.29	37
	02512-00001	"Extreme Intercept: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SX-D	Fill 1: ARG (93)	N		CL	0.26	0.41	0.49	64
	02512-00002	"Extreme Intercept: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.26	0.37	0.45	64
	02513-00001	"Extreme Intercept: E180 / arg93 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.26	0.37	0.45	64
	02514-00001	"Extreme Intercept: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SX-D	Fill 1: ARG (93)	N		CL	0.25	0.40	0.49	63
	02514-00002	"Extreme Intercept: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.25	0.36	0.44	63
	02515-00001	"Extreme Intercept: E180 / arg93 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.36	0.44	63
	02516-00001	"Extreme Intercept: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SX-D	Fill 1: ARG (93)	N		CL	0.23	0.41	0.50	49
	02516-00002	"Extreme Intercept: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.38	0.45	49

NFRC Product Certification Authorization Report

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Test Date: 07/16/2024
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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02517-00001	"Extreme Intercept: E180 / arg93 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.38	0.45	49
	02518-00001	"Extreme Intercept: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	N		CL	0.23	0.41	0.50	48
	02518-00002	"Extreme Intercept: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.37	0.45	48
	02519-00001	"Extreme Intercept: E180 / arg93 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.37	0.45	48
	02520-00001	"Extreme Intercept: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: KRY (80)	N		CL	0.39	0.50	0.53	47
	02520-00002	"Extreme Intercept: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.39	0.46	0.48	47
	02520-00003	"Extreme Intercept: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: KRY (80)	N		BZ	0.39	0.41	0.39	47
	02520-00004	"Extreme Intercept: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.39	0.37	0.35	47
	02520-00005	"Extreme Intercept: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: KRY (80)	N		GY	0.39	0.38	0.35	47
	02520-00006	"Extreme Intercept: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.39	0.34	0.32	47
	02521-00001	"Extreme Intercept: clr / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.39	0.46	0.48	47
	02521-00002	"Extreme Intercept: bronze / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.39	0.37	0.35	47
	02521-00003	"Extreme Intercept: gray / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2		0.500	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.39	0.34	0.32	47
	02522-00001	"Extreme Intercept: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.42	61
	02522-00002	"Extreme Intercept: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.37	61
	02522-00003	"Extreme Intercept: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.31	61

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02522-00004	"Extreme Intercept: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.28	61
	02522-00005	"Extreme Intercept: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.28	61
	02522-00006	"Extreme Intercept: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.25	61
	02523-00001	"Extreme Intercept: E366 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.37	61
	02523-00002	"Extreme Intercept: bronze / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.28	61
	02523-00003	"Extreme Intercept: gray / kry80 / E366 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(3)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.25	61
	02524-00001	"Extreme Intercept: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.18	0.41	49
	02524-00002	"Extreme Intercept: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.37	49
	02525-00001	"Extreme Intercept: E366 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.22	0.16	0.37	49
	02526-00001	"Extreme Intercept: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.12	0.25	61
	02526-00002	"Extreme Intercept: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.11	0.22	61
	02526-00003	"Extreme Intercept: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.22	0.18	61
	02526-00004	"Extreme Intercept: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.20	0.16	61
	02526-00005	"Extreme Intercept: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.20	0.17	61
	02526-00006	"Extreme Intercept: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.19	0.15	61
	02527-00001	"Extreme Intercept: E340 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	61

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Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02527-00002	"Extreme Intercept: bronze / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.20	0.16	61
	02527-00003	"Extreme Intercept: gray / kry80 / E340 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(3)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.19	0.15	61
	02528-00001	"Extreme Intercept: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.11	0.24	49
	02528-00002	"Extreme Intercept: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.22	49
	02529-00001	"Extreme Intercept: E340 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.22	49
	02530-00001	"Extreme Intercept: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.15	0.34	61
	02530-00002	"Extreme Intercept: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.13	0.30	61
	02530-00003	"Extreme Intercept: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.25	61
	02530-00004	"Extreme Intercept: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.22	61
	02530-00005	"Extreme Intercept: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.20	0.22	61
	02530-00006	"Extreme Intercept: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.20	61
	02531-00001	"Extreme Intercept: E452 / kry80 / clr (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.13	0.30	61
	02531-00002	"Extreme Intercept: bronze / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.22	61
	02531-00003	"Extreme Intercept: gray / kry80 / E452 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(3)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.20	61
	02532-00001	"Extreme Intercept: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.14	0.33	49
	02532-00002	"Extreme Intercept: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02533-00001	"Extreme Intercept: E452 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.22	0.13	0.29	49
	02534-00001	"Extreme Intercept: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	N		CL	0.38	0.49	0.52	49
	02534-00002	"Extreme Intercept: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.38	0.44	0.47	49
	02534-00003	"Extreme Intercept: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	N		BZ	0.38	0.39	0.38	49
	02534-00004	"Extreme Intercept: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.36	0.34	49
	02534-00005	"Extreme Intercept: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	N		GY	0.38	0.37	0.34	49
	02534-00006	"Extreme Intercept: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.38	0.33	0.31	49
	02535-00001	"Extreme Intercept: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.38	0.44	0.47	49
	02535-00002	"Extreme Intercept: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.36	0.34	49
	02535-00003	"Extreme Intercept: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.38	0.33	0.31	49
	02536-00001	"Extreme Intercept: clr / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.38	0.44	0.47	49
	02536-00002	"Extreme Intercept: bronze / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.36	0.34	49
	02536-00003	"Extreme Intercept: gray / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2		0.470	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.38	0.33	0.31	49
	02537-00001	"Extreme Intercept: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.41	62
	02537-00002	"Extreme Intercept: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.37	62
	02537-00003	"Extreme Intercept: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.30	62

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02537-00004	"Extreme Intercept: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	62
	02537-00005	"Extreme Intercept: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.27	62
	02537-00006	"Extreme Intercept: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	62
	02538-00001	"Extreme Intercept: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.37	61
	02538-00002	"Extreme Intercept: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	61
	02538-00003	"Extreme Intercept: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	61
	02539-00001	"Extreme Intercept: E366 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.37	61
	02539-00002	"Extreme Intercept: bronze / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	61
	02539-00003	"Extreme Intercept: gray / kry80 / E366-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(3)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	61
	02540-00001	"Extreme Intercept: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.17	0.40	50
	02540-00002	"Extreme Intercept: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.36	50
	02541-00001	"Extreme Intercept: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.36	50
	02542-00001	"Extreme Intercept: E366 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.36	50
	02543-00001	"Extreme Intercept: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.12	0.24	61
	02543-00002	"Extreme Intercept: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.11	0.22	61

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02543-00003	"Extreme Intercept: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.22	0.18	61
	02543-00004	"Extreme Intercept: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.20	0.16	61
	02543-00005	"Extreme Intercept: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.20	0.16	61
	02543-00006	"Extreme Intercept: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.15	61
	02544-00001	"Extreme Intercept: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.11	0.22	61
	02544-00002	"Extreme Intercept: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.20	0.16	61
	02544-00003	"Extreme Intercept: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.15	61
	02545-00001	"Extreme Intercept: E340 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	61
	02545-00002	"Extreme Intercept: bronze / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.20	0.16	61
	02545-00003	"Extreme Intercept: gray / kry80 / E340-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(3)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.15	61
	02546-00001	"Extreme Intercept: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.11	0.24	50
	02546-00002	"Extreme Intercept: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.21	50
	02547-00001	"Extreme Intercept: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.21	49
	02548-00001	"Extreme Intercept: E340 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02549-00001	"Extreme Intercept: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.14	0.33	62
	02549-00002	"Extreme Intercept: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.13	0.30	62
	02549-00003	"Extreme Intercept: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.24	62
	02549-00004	"Extreme Intercept: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.22	62
	02549-00005	"Extreme Intercept: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.20	0.22	62
	02549-00006	"Extreme Intercept: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.20	62
	02550-00001	"Extreme Intercept: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.13	0.30	61
	02550-00002	"Extreme Intercept: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.22	61
	02550-00003	"Extreme Intercept: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.20	61
	02551-00001	"Extreme Intercept: E452 / kry80 / lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.13	0.30	61
	02551-00002	"Extreme Intercept: bronze / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.22	61
	02551-00003	"Extreme Intercept: gray / kry80 / E452-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(3)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.20	61
	02552-00001	"Extreme Intercept: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.14	0.32	50
	02552-00002	"Extreme Intercept: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	50

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02553-00001	"Extreme Intercept: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	50
	02554-00001	"Extreme Intercept: E452 / kry80 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.470	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	50
	02555-00001	"Extreme Intercept: lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	N		CL	0.38	0.44	0.51	49
	02555-00002	"Extreme Intercept: lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.38	0.40	0.46	49
	02555-00003	"Extreme Intercept: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	N		BZ	0.38	0.36	0.38	49
	02555-00004	"Extreme Intercept: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.33	0.34	49
	02555-00005	"Extreme Intercept: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	N		GY	0.38	0.34	0.34	49
	02555-00006	"Extreme Intercept: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.38	0.30	0.31	49
	02556-00001	"Extreme Intercept: lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.38	0.40	0.46	49
	02556-00002	"Extreme Intercept: bronze-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.33	0.34	49
	02556-00003	"Extreme Intercept: gray-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.38	0.30	0.31	49
	02557-00001	"Extreme Intercept: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.41	51
	02557-00002	"Extreme Intercept: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.17	0.37	51
	02557-00003	"Extreme Intercept: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.19	0.30	51
	02557-00004	"Extreme Intercept: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	51
	02557-00005	"Extreme Intercept: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.18	0.27	51

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02557-00006	"Extreme Intercept: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	51
	02558-00001	"Extreme Intercept: E366-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.17	0.37	51
	02558-00002	"Extreme Intercept: bronze-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	51
	02558-00003	"Extreme Intercept: gray-lami / kry80 / E366 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	51
	02559-00001	"Extreme Intercept: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.18	0.40	37
	02559-00002	"Extreme Intercept: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.36	37
	02560-00001	"Extreme Intercept: E366-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.36	37
	02561-00001	"Extreme Intercept: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.12	0.24	51
	02561-00002	"Extreme Intercept: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.12	0.22	51
	02561-00003	"Extreme Intercept: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.18	51
	02561-00004	"Extreme Intercept: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.16	51
	02561-00005	"Extreme Intercept: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.16	51
	02561-00006	"Extreme Intercept: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.15	51
	02562-00001	"Extreme Intercept: E340-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.12	0.22	51
	02562-00002	"Extreme Intercept: bronze-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.16	51
	02562-00003	"Extreme Intercept: gray-lami / kry80 / E340 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.15	51

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02563-00001	"Extreme Intercept: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.12	0.24	37
	02563-00002	"Extreme Intercept: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.21	37
	02564-00001	"Extreme Intercept: E340-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	37
	02565-00001	"Extreme Intercept: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.15	0.33	51
	02565-00002	"Extreme Intercept: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.14	0.30	51
	02565-00003	"Extreme Intercept: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.24	51
	02565-00004	"Extreme Intercept: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.22	51
	02565-00005	"Extreme Intercept: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.22	51
	02565-00006	"Extreme Intercept: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.20	51
	02566-00001	"Extreme Intercept: E452-lami / kry80 / clr (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.14	0.30	51
	02566-00002	"Extreme Intercept: bronze-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.22	51
	02566-00003	"Extreme Intercept: gray-lami / kry80 / E452 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.20	51
	02567-00001	"Extreme Intercept: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.14	0.32	37
	02567-00002	"Extreme Intercept: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	37
	02568-00001	"Extreme Intercept: E452-lami / kry80 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	37
	02569-00001	"Extreme Intercept: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	N		CL	0.38	0.43	0.50	49

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
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Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02569-00002	"Extreme Intercept: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.38	0.39	0.45	49
	02569-00003	"Extreme Intercept: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	N		BZ	0.38	0.36	0.38	49
	02569-00004	"Extreme Intercept: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.38	0.33	0.34	49
	02569-00005	"Extreme Intercept: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	N		GY	0.38	0.34	0.34	49
	02569-00006	"Extreme Intercept: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.38	0.30	0.31	49
	02570-00001	"Extreme Intercept: lami / kry80 / clr (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.38	0.39	0.45	49
	02570-00002	"Extreme Intercept: bronze-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.38	0.33	0.34	49
	02570-00003	"Extreme Intercept: gray-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2		0.535	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.38	0.30	0.31	49
	02571-00001	"Extreme Intercept: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.18	0.40	51
	02571-00002	"Extreme Intercept: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.16	0.36	51
	02571-00003	"Extreme Intercept: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.19	0.30	51
	02571-00004	"Extreme Intercept: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.27	51
	02571-00005	"Extreme Intercept: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.18	0.27	51
	02571-00006	"Extreme Intercept: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.24	51
	02572-00001	"Extreme Intercept: E366-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.16	0.36	51
	02572-00002	"Extreme Intercept: bronze-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.27	51

NFRC Product Certification Authorization Report

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02572-00003	"Extreme Intercept: gray-lami / kry80 / E366 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.24	51
	02573-00001	"Extreme Intercept: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.17	0.39	37
	02573-00002	"Extreme Intercept: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.16	0.35	37
	02574-00001	"Extreme Intercept: E366-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.02(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.16	0.35	37
	02575-00001	"Extreme Intercept: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.12	0.24	51
	02575-00002	"Extreme Intercept: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.11	0.22	51
	02575-00003	"Extreme Intercept: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.21	0.18	51
	02575-00004	"Extreme Intercept: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.19	0.16	51
	02575-00005	"Extreme Intercept: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.16	51
	02575-00006	"Extreme Intercept: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.18	0.15	51
	02576-00001	"Extreme Intercept: E340-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.11	0.22	51
	02576-00002	"Extreme Intercept: bronze-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.19	0.16	51
	02576-00003	"Extreme Intercept: gray-lami / kry80 / E340 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.18	0.15	51
	02577-00001	"Extreme Intercept: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.12	0.24	37
	02577-00002	"Extreme Intercept: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.11	0.21	37
	02578-00001	"Extreme Intercept: E340-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.11	0.21	37

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02579-00001	"Extreme Intercept: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.15	0.33	51
	02579-00002	"Extreme Intercept: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.14	0.29	51
	02579-00003	"Extreme Intercept: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	N		BZ	0.25	0.20	0.24	51
	02579-00004	"Extreme Intercept: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	BZ	0.25	0.18	0.22	51
	02579-00005	"Extreme Intercept: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	N		GY	0.25	0.19	0.22	51
	02579-00006	"Extreme Intercept: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	GY	0.25	0.17	0.20	51
	02580-00001	"Extreme Intercept: E452-lami / kry80 / clr (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.14	0.29	51
	02580-00002	"Extreme Intercept: bronze-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	BZ	0.25	0.18	0.22	51
	02580-00003	"Extreme Intercept: gray-lami / kry80 / E452 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(3)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	GY	0.25	0.17	0.20	51
	02581-00001	"Extreme Intercept: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	N		CL	0.22	0.14	0.32	37
	02581-00002	"Extreme Intercept: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.22	0.13	0.29	37
	02582-00001	"Extreme Intercept: E452-lami / kry80 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.018(2), 0.149(4)	0.535	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.13	0.29	37
	02583-00001	"Extreme Intercept: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.41	0.49	62
	02583-00002	"Extreme Intercept: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.37	0.45	62
	02584-00001	"Extreme Intercept: E180 / kry80 / E180 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.563	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.37	0.45	62
	02585-00001	"Extreme Intercept: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SX-D	Fill 1: KRY (80)	N		CL	0.25	0.40	0.49	62

NFRC Product Certification Authorization Report

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Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02585-00002	"Extreme Intercept: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.25	0.36	0.44	62
	02586-00001	"Extreme Intercept: E180 / kry80 / E180 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.068(3)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.25	0.36	0.44	62
	02587-00001	"Extreme Intercept: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SX-D	Fill 1: KRY (80)	N		CL	0.23	0.41	0.50	48
	02587-00002	"Extreme Intercept: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.38	0.45	48
	02588-00001	"Extreme Intercept: E180 / kry80 / i89 (SS/SS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.563	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.24	0.38	0.45	48
	02589-00001	"Extreme Intercept: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	N		CL	0.23	0.41	0.50	48
	02589-00002	"Extreme Intercept: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	G	0.75	CL	0.23	0.37	0.45	48
	02590-00001	"Extreme Intercept: E180 / kry80 / i89 (DS/DS) - 3/4"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.500	SX-D	Fill 1: KRY (80)	S	0.75	CL	0.23	0.37	0.45	48
	02591-00001	"Intercept Tinplate: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.27	0.40	0.49	42
	02591-00002	"Intercept Tinplate: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.27	0.36	0.44	42
	02592-00001	"Intercept Tinplate: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.27	0.36	0.44	42
	02593-00001	"Intercept Tinplate: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.36	0.44	41
	02594-00001	"Intercept Tinplate: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.37	0.49	44
	02594-00002	"Intercept Tinplate: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.33	0.44	44
	02595-00001	"Intercept Tinplate: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.33	0.44	44
	02596-00001	"Intercept Tinplate: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.37	0.48	44

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02596-00002	"Intercept Tinplate: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.33	0.43	44
	02597-00001	"Intercept Tinplate: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.33	0.43	44
	02598-00001	"Intercept Tinplate: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.40	0.49	45
	02598-00002	"Intercept Tinplate: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.36	0.44	45
	02599-00001	"Intercept Tinplate: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.36	0.44	45
	02600-00001	"Intercept Tinplate: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.36	0.44	45
	02601-00001	"Intercept Tinplate: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.37	0.49	48
	02601-00002	"Intercept Tinplate: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.33	0.44	48
	02602-00001	"Intercept Tinplate: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.33	0.44	48
	02603-00001	"Intercept Tinplate: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.37	0.48	48
	02603-00002	"Intercept Tinplate: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.33	0.43	48
	02604-00001	"Intercept Tinplate: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.33	0.43	48
	02605-00001	"Intercept Thinstar: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.40	0.49	42
	02605-00002	"Intercept Thinstar: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.36	0.44	42
	02606-00001	"Intercept Thinstar: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.27	0.36	0.44	42
	02607-00001	"Intercept Thinstar: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.28	0.36	0.44	42

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

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CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02608-00001	"Intercept Thinstar: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.37	0.49	44
	02608-00002	"Intercept Thinstar: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.33	0.44	44
	02609-00001	"Intercept Thinstar: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.33	0.44	44
	02610-00001	"Intercept Thinstar: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	N		CL	0.26	0.37	0.48	44
	02610-00002	"Intercept Thinstar: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.33	0.43	44
	02611-00001	"Intercept Thinstar: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.33	0.43	44
	02612-00001	"Intercept Thinstar: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.40	0.49	45
	02612-00002	"Intercept Thinstar: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.36	0.44	45
	02613-00001	"Intercept Thinstar: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.36	0.44	45
	02614-00001	"Intercept Thinstar: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.36	0.44	45
	02615-00001	"Intercept Thinstar: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.37	0.49	48
	02615-00002	"Intercept Thinstar: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.33	0.44	48
	02616-00001	"Intercept Thinstar: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.33	0.44	48
	02617-00001	"Intercept Thinstar: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	N		CL	0.24	0.37	0.48	48
	02617-00002	"Intercept Thinstar: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.33	0.43	48
	02618-00001	"Intercept Thinstar: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	CU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.33	0.43	48

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02619-00001	"Super Spacer EPDM: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	N		CL	0.26	0.40	0.49	43
	02619-00002	"Super Spacer EPDM: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.26	0.36	0.44	43
	02620-00001	"Super Spacer EPDM: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.26	0.36	0.44	43
	02621-00001	"Super Spacer EPDM: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.27	0.36	0.44	43
	02622-00001	"Super Spacer EPDM: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.37	0.49	45
	02622-00002	"Super Spacer EPDM: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.33	0.44	45
	02623-00001	"Super Spacer EPDM: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.33	0.44	45
	02624-00001	"Super Spacer EPDM: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: AIR (100)	N		CL	0.25	0.37	0.48	45
	02624-00002	"Super Spacer EPDM: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.33	0.43	45
	02625-00001	"Super Spacer EPDM: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.33	0.43	45
	02626-00001	"Super Spacer EPDM: E180 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	N		CL	0.23	0.40	0.49	47
	02626-00002	"Super Spacer EPDM: E180 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.36	0.44	47
	02627-00001	"Super Spacer EPDM: E180 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.24	0.36	0.44	47
	02628-00001	"Super Spacer EPDM: E180 / arg93 / i89 -lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.24	0.36	0.44	47
	02629-00001	"Super Spacer EPDM: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: ARG (93)	N		CL	0.23	0.37	0.49	50
	02629-00002	"Super Spacer EPDM: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.33	0.44	50

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02630-00001	"Super Spacer EPDM: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.24	0.33	0.44	50
	02631-00001	"Super Spacer EPDM: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: ARG (93)	N		CL	0.23	0.37	0.48	50
	02631-00002	"Super Spacer EPDM: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.33	0.43	50
	02632-00001	"Super Spacer EPDM: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	OF-S	Fill 1: ARG (93)	S	0.75	CL	0.24	0.33	0.43	50
	02633-00001	"Cardinal Endur: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	N		CL	0.26	0.40	0.49	43
	02633-00002	"Cardinal Endur: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.36	0.44	43
	02634-00001	"Cardinal Endur: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.36	0.44	43
	02635-00001	"Cardinal Endur: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.36	0.44	43
	02636-00001	"Cardinal Endur: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: AIR (100)	N		CL	0.26	0.37	0.49	45
	02636-00002	"Cardinal Endur: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.33	0.44	45
	02637-00001	"Cardinal Endur: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.33	0.44	45
	02638-00001	"Cardinal Endur: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: AIR (100)	N		CL	0.26	0.37	0.48	45
	02638-00002	"Cardinal Endur: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.33	0.43	45
	02639-00001	"Cardinal Endur: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.33	0.43	45
	02640-00001	"Cardinal Endur: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	N		CL	0.24	0.40	0.49	47
	02640-00002	"Cardinal Endur: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.36	0.44	47

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02641-00001	"Cardinal Endur: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.36	0.44	47
	02642-00001	"Cardinal Endur: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.36	0.44	47
	02643-00001	"Cardinal Endur: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: ARG (93)	N		CL	0.24	0.37	0.49	49
	02643-00002	"Cardinal Endur: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.33	0.44	49
	02644-00001	"Cardinal Endur: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.33	0.44	49
	02645-00001	"Cardinal Endur: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: ARG (93)	N		CL	0.24	0.37	0.48	49
	02645-00002	"Cardinal Endur: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.33	0.43	49
	02646-00001	"Cardinal Endur: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SS-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.33	0.43	49
	02647-00001	"Intercept Ultra: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	N		CL	0.26	0.40	0.49	43
	02647-00002	"Intercept Ultra: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.36	0.44	43
	02648-00001	"Intercept Ultra: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.36	0.44	43
	02649-00001	"Intercept Ultra: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.36	0.44	43
	02650-00001	"Intercept Ultra: E180-lami / air / i89 (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: AIR (100)	N		CL	0.26	0.37	0.49	45
	02650-00002	"Intercept Ultra: E180-lami / air / i89 (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.33	0.44	45
	02651-00001	"Intercept Ultra: E180-lami / air / i89 (DS| 090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.33	0.44	45
	02652-00001	"Intercept Ultra: E180-lami / air / i89 (DS| 090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: AIR (100)	N		CL	0.26	0.37	0.48	45

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
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City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
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Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02652-00002	"Intercept Ultra: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.33	0.43	45
	02653-00001	"Intercept Ultra: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.33	0.43	45
	02654-00001	"Intercept Ultra: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	N		CL	0.24	0.40	0.49	47
	02654-00002	"Intercept Ultra: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.36	0.44	47
	02655-00001	"Intercept Ultra: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.36	0.44	47
	02656-00001	"Intercept Ultra: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.25	0.36	0.44	47
	02657-00001	"Intercept Ultra: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: ARG (93)	N		CL	0.24	0.37	0.49	49
	02657-00002	"Intercept Ultra: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.33	0.44	49
	02658-00001	"Intercept Ultra: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.33	0.44	49
	02659-00001	"Intercept Ultra: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: ARG (93)	N		CL	0.24	0.37	0.48	49
	02659-00002	"Intercept Ultra: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: ARG (93)	G	0.75	CL	0.24	0.33	0.43	49
	02660-00001	"Intercept Ultra: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SU-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.33	0.43	49
	02661-00001	"Intercept Extreme: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	N		CL	0.25	0.40	0.49	44
	02661-00002	"Intercept Extreme: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.36	0.44	44
	02662-00001	"Intercept Extreme: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.26	0.36	0.44	44
	02663-00001	"Intercept Extreme: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.27	0.36	0.44	44

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 | **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02664-00001	"Intercept Extreme: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.25	0.37	0.49	46
	02664-00002	"Intercept Extreme: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.33	0.44	46
	02665-00001	"Intercept Extreme: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.33	0.44	46
	02666-00001	"Intercept Extreme: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	N		CL	0.25	0.37	0.48	46
	02666-00002	"Intercept Extreme: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	G	0.75	CL	0.25	0.33	0.43	46
	02667-00001	"Intercept Extreme: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: AIR (100)	S	0.75	CL	0.26	0.33	0.43	46
	02668-00001	"Intercept Extreme: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	N		CL	0.23	0.40	0.49	48
	02668-00002	"Intercept Extreme: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.36	0.44	48
	02669-00001	"Intercept Extreme: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.36	0.44	48
	02670-00001	"Intercept Extreme: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.36	0.44	48
	02671-00001	"Intercept Extreme: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.23	0.37	0.49	50
	02671-00002	"Intercept Extreme: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.33	0.44	50
	02672-00001	"Intercept Extreme: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.33	0.44	50
	02673-00001	"Intercept Extreme: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	N		CL	0.23	0.37	0.48	50
	02673-00002	"Intercept Extreme: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	G	0.75	CL	0.23	0.33	0.43	50
	02674-00001	"Intercept Extreme: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	SX-D	Fill 1: ARG (93)	S	0.75	CL	0.24	0.33	0.43	50

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Simulation Lab: SATI
Initial Cert. Date: 09/26/2007

Street: 250 Staunton Avenue
Product Type: PRAW
Sim. Report #: Q9180.02-116-45 R0
Re-Certification Date: 10/09/2024

City/State/Zip: Parkersburg, WV 26104
Air Leakage: ≤ 0.3
Sim. Report Date: 05/14/2024
Revised Date: 04/06/2026

Print Date: 04/29/2026
Test Date: 07/16/2024
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02675-00001	"Super Spacer S2: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	N		CL	0.26	0.40	0.49	44
	02675-00002	"Super Spacer S2: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.26	0.36	0.44	44
	02676-00001	"Super Spacer S2: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.26	0.36	0.44	44
	02677-00001	"Super Spacer S2: E180 / air / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.27	0.36	0.44	44
	02678-00001	"Super Spacer S2: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.37	0.49	46
	02678-00002	"Super Spacer S2: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.33	0.44	46
	02679-00001	"Super Spacer S2: E180-lami / air / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.33	0.44	46
	02680-00001	"Super Spacer S2: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR (100)	N		CL	0.25	0.37	0.48	46
	02680-00002	"Super Spacer S2: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR (100)	G	0.75	CL	0.25	0.33	0.43	46
	02681-00001	"Super Spacer S2: E180-lami / air / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: AIR (100)	S	0.75	CL	0.26	0.33	0.43	46
	02682-00001	"Super Spacer S2: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	N		CL	0.23	0.40	0.49	48
	02682-00002	"Super Spacer S2: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.36	0.44	48
	02683-00001	"Super Spacer S2: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.36	0.44	48
	02684-00001	"Super Spacer S2: E180 / arg93 / i89-lami (DS/DS|030PVB|DS) - 7/8"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.470	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.24	0.36	0.44	48
	02685-00001	"Super Spacer S2: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG (93)	N		CL	0.23	0.37	0.49	50
	02685-00002	"Super Spacer S2: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.33	0.44	50

NFRC Product Certification Authorization Report

Manufacturer: Wincore Window Company, LLC
Street: 250 Staunton Avenue
City/State/Zip: Parkersburg, WV 26104
Print Date: 04/29/2026

Product Series: 5400, 5400S, 7700, 8400, 8800, 9900 Series Vinyl Awning Window
Product Type: PRAW
Air Leakage: ≤ 0.3

Simulation Lab: SATI
Sim. Report #: Q9180.02-116-45 R0
Sim. Report Date: 05/14/2024
Test Date: 07/16/2024

Initial Cert. Date: 09/26/2007
Re-Certification Date: 10/09/2024
Revised Date: 04/06/2026
Expiration Date: 07/04/2029

CPD Number: WCW-M-32 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	02686-00001	"Super Spacer S2: E180-lami / arg93 / i89 (DS|090PVB|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.24	0.33	0.44	50
	02687-00001	"Super Spacer S2: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG (93)	N		CL	0.23	0.37	0.48	50
	02687-00002	"Super Spacer S2: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG (93)	G	0.75	CL	0.23	0.33	0.43	50
	02688-00001	"Super Spacer S2: E180-lami / arg93 / i89 (DS|090SGP|DS/DS) - 1"" IG"	VY/VY	2	0.068(2), 0.149(4)	0.535	ZF-S	Fill 1: ARG (93)	S	0.75	CL	0.24	0.33	0.43	50

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATI	**07/16/2024**	610mm x 1499mm		0.275	Q9179.01-116-46

Comments: Q9180.05-116-45-r0 added options 1100 - 2377 on 11/03/2025.
Q9180.06-116-45 R0 added options 2378 - 2590 on 03/11/2026.
Q9180.07-116-45 R0 added options 2591 - 2688 on 04/29/2026.

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA Signature: