NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd.
Product Series: 3500 Fiberglass LP Fixed/Picture
Simulation Lab: SATI
Initial Cert. Date: 04/06/2016

Street: 404 Roblin Blvd.
Product Type: FIXD
Sim. Report #: T0019.01-116-45 R0
Re-Certification Date: 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4
Air Leakage:
Sim. Report Date: 10/09/2025
Revised Date: 08/04/2026

Print Date: 08/25/2026
Test Date: 11/25/2025
Expiration Date: 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00060-00001	"Default: E180 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.630	SS-D	Fill 1: ARG (90)	N		CL	0.28	0.55	0.67	61
	00060-00002	"Default: E180 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.630	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.28	0.50	0.60	61
	00061-00001	"Default: E180 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.630	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.28	0.50	0.60	61
	00062-00001	"Default: E272 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.630	SS-D	Fill 1: ARG (90)	N		CL	0.27	0.35	0.61	62
	00062-00002	"Default: E272 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.630	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.27	0.32	0.55	62
	00063-00001	"Default: E272 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.630	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.27	0.32	0.55	62
	00064-00001	"Default: E366 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.630	SS-D	Fill 1: ARG (90)	N		CL	0.27	0.23	0.55	62
	00064-00002	"Default: E366 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.630	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.27	0.21	0.49	62
	00065-00001	"Default: E366 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.630	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.27	0.21	0.49	62
	00066-00001	"Default: E180 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.560	SS-D	Fill 1: ARG (90)	N		CL	0.28	0.54	0.67	60
	00066-00002	"Default: E180 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.560	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.28	0.49	0.60	60
	00067-00001	"Default: E180 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.560	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.28	0.49	0.60	60
	00068-00001	"Default: E272 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.560	SS-D	Fill 1: ARG (90)	N		CL	0.27	0.35	0.61	61
	00068-00002	"Default: E272 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.560	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.27	0.32	0.54	61
	00069-00001	"Default: E272 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.560	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.27	0.32	0.54	61
	00070-00001	"Default: E366 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.560	SS-D	Fill 1: ARG (90)	N		CL	0.26	0.23	0.55	61

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City/State/Zip: Winkler, MB R6W 0N4
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CPD Number: BMM-M-13 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00070-00002	"Default: E366 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.560	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.26	0.21	0.49	61
	00071-00001	"Default: E366 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.560	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.26	0.21	0.49	61
	00072-00001	"Default: E180 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.380	SS-D	Fill 1: ARG (90)	N		CL	0.29	0.52	0.65	57
	00073-00001	"Default: E180 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.380	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.30	0.47	0.58	57
	00074-00001	"Default: E180 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.380	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.30	0.47	0.58	57
	00075-00001	"Default: E272 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.380	SS-D	Fill 1: ARG (90)	N		CL	0.28	0.35	0.59	58
	00076-00001	"Default: E272 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.380	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.29	0.31	0.53	58
	00077-00001	"Default: E272 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.380	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.29	0.31	0.53	58
	00078-00001	"Default: E366 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.380	SS-D	Fill 1: ARG (90)	N		CL	0.27	0.24	0.53	58
	00079-00001	"Default: E366 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.380	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.28	0.22	0.48	58
	00080-00001	"Default: E366 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.380	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.28	0.22	0.48	58
	00081-00001	"Default: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3		0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.29	0.60	0.64	62
	00081-00002	"Default: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3		0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.29	0.54	0.58	62
	00082-00001	"Default: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3		0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.29	0.54	0.58	62
	00083-00001	"Default: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.51	0.62	69
	00083-00002	"Default: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.46	0.55	69
	00084-00001	"Default: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.46	0.55	69

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CPD Number: BMM-M-13 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00085-00001	"Default: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.33	0.56	70
	00085-00002	"Default: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.30	0.50	70
	00086-00001	"Default: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.30	0.50	70
	00087-00001	"Default: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.22	0.50	70
	00087-00002	"Default: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.45	70
	00088-00001	"Default: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.45	70
	00089-00001	"Default: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.48	0.59	77
	00089-00002	"Default: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.43	0.53	77
	00090-00001	"Default: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.43	0.53	77
	00091-00001	"Default: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.32	0.54	77
	00091-00002	"Default: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.29	0.48	77
	00092-00001	"Default: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.29	0.48	77
	00093-00001	"Default: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.30	0.49	78
	00093-00002	"Default: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.27	0.44	78
	00094-00001	"Default: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.44	78
	00095-00001	"Default: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.49	78
	00095-00002	"Default: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.43	78

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Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

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CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00096-00001	"Default: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.43	78
	00097-00001	"Default: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.44	78
	00097-00002	"Default: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	78
	00098-00001	"Default: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	78
	00099-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.29	77
	00099-00002	"Default: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.26	77
	00100-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	77
	00101-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.27	78
	00101-00002	"Default: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.24	78
	00102-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.24	78
	00103-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.53	0.62	71
	00103-00002	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.47	0.55	71
	00104-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.47	0.55	71
	00105-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.46	0.58	64
	00105-00002	"Default: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.41	0.52	64
	00106-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.41	0.52	64
	00107-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.31	0.53	64

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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
	00107-00002	"Default: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.28	0.47	64
	00108-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.28	0.47	64
	00109-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.47	65
	00109-00002	"Default: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.19	0.42	65
	00110-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.42	65
	00111-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.29	65
	00111-00002	"Default: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.26	65
	00112-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	65
	00113-00001	"Default: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.50	0.61	69
	00113-00002	"Default: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.45	0.55	69
	00114-00001	"Default: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.45	0.55	69
	00115-00001	"Default: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.32	0.55	69
	00115-00002	"Default: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.29	0.50	69
	00116-00001	"Default: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.29	0.50	69
	00117-00001	"Default: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.22	0.50	70
	00117-00002	"Default: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.45	70
	00118-00001	"Default: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.45	70

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd.
Product Series: 3500 Fiberglass LP Fixed/Picture
Simulation Lab: SATI
Initial Cert. Date: 04/06/2016

Street: 404 Roblin Blvd.
Product Type: FIXD
Sim. Report #: T0019.01-116-45 R0
Re-Certification Date: 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4
Air Leakage:
Sim. Report Date: 10/09/2025
Revised Date: 08/04/2026

Print Date: 08/25/2026
Test Date: 11/25/2025
Expiration Date: 03/11/2031

CPD Number: BMM-M-13 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00119-00001	"Default: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.47	0.59	76
	00119-00002	"Default: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.42	0.53	76
	00120-00001	"Default: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.42	0.53	76
	00121-00001	"Default: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.32	0.53	76
	00121-00002	"Default: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.29	0.48	76
	00122-00001	"Default: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.29	0.48	76
	00123-00001	"Default: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.30	0.48	77
	00123-00002	"Default: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.27	0.43	77
	00124-00001	"Default: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.43	77
	00125-00001	"Default: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.48	77
	00125-00002	"Default: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.43	77
	00126-00001	"Default: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.43	77
	00127-00001	"Default: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.44	77
	00127-00002	"Default: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	77
	00128-00001	"Default: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	77
	00129-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.13	0.29	76
	00129-00002	"Default: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.12	0.26	76

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd.
Product Series: 3500 Fiberglass LP Fixed/Picture
Simulation Lab: SATI
Initial Cert. Date: 04/06/2016

Street: 404 Roblin Blvd.
Product Type: FIXD
Sim. Report #: T0019.01-116-45 R0
Re-Certification Date: 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4
Air Leakage:
Sim. Report Date: 10/09/2025
Revised Date: 08/04/2026

Print Date: 08/25/2026
Test Date: 11/25/2025
Expiration Date: 03/11/2031

CPD Number: BMM-M-13 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00130-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.12	0.26	76
	00131-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.26	77
	00131-00002	"Default: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.24	77
	00132-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.24	77
	00133-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.51	0.61	70
	00133-00002	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.46	0.55	70
	00134-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.46	0.55	70
	00135-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.45	0.57	63
	00135-00002	"Default: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.40	0.51	63
	00136-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.40	0.51	63
	00137-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.30	0.52	64
	00137-00002	"Default: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.27	0.47	64
	00138-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.47	64
	00139-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.47	64
	00139-00002	"Default: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.19	0.42	64
	00140-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.42	64
	00141-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.28	64

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00141-00002	"Default: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.25	64
	00142-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.25	64
	00143-00001	"Default: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.49	0.60	69
	00143-00002	"Default: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.44	0.54	69
	00144-00001	"Default: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.44	0.54	69
	00145-00001	"Default: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.32	0.55	69
	00145-00002	"Default: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.29	0.49	69
	00146-00001	"Default: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.29	0.49	69
	00147-00001	"Default: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.22	0.49	70
	00147-00002	"Default: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.44	70
	00148-00001	"Default: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.44	70
	00149-00001	"Default: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.46	0.58	75
	00149-00002	"Default: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.42	0.52	75
	00150-00001	"Default: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.42	0.52	75
	00151-00001	"Default: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.31	0.53	76
	00151-00002	"Default: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.28	0.47	76
	00152-00001	"Default: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.28	0.47	76

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00153-00001	"Default: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.30	0.48	76
	00153-00002	"Default: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.27	0.43	76
	00154-00001	"Default: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.27	0.43	76
	00155-00001	"Default: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.21	0.47	76
	00155-00002	"Default: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.19	0.42	76
	00156-00001	"Default: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.19	0.42	76
	00157-00001	"Default: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.43	76
	00157-00002	"Default: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	76
	00158-00001	"Default: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	76
	00159-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.13	0.29	76
	00159-00002	"Default: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.12	0.26	76
	00160-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.12	0.26	76
	00161-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.13	0.26	76
	00161-00002	"Default: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.12	0.23	76
	00162-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.12	0.23	76
	00163-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.50	0.60	69
	00163-00002	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.45	0.54	69

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00164-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.45	0.54	69
	00165-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.44	0.57	63
	00165-00002	"Default: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.40	0.51	63
	00166-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.40	0.51	63
	00167-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.30	0.51	63
	00167-00002	"Default: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.27	0.46	63
	00168-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.46	63
	00169-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.46	64
	00169-00002	"Default: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.18	0.41	64
	00170-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.18	0.41	64
	00171-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.28	64
	00171-00002	"Default: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.25	64
	00172-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.25	64
	00173-00001	"Default: E180 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.47	0.59	69
	00173-00002	"Default: E180 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.43	0.53	69
	00174-00001	"Default: E180 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.43	0.53	69
	00175-00001	"Default: E272 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.32	0.53	69

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd.
Product Series: 3500 Fiberglass LP Fixed/Picture
Simulation Lab: SATI
Initial Cert. Date: 04/06/2016

Street: 404 Roblin Blvd.
Product Type: FIXD
Sim. Report #: T0019.01-116-45 R0
Re-Certification Date: 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4
Air Leakage:
Sim. Report Date: 10/09/2025
Revised Date: 08/04/2026

Print Date: 08/25/2026
Test Date: 11/25/2025
Expiration Date: 03/11/2031

CPD Number: BMM-M-13 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00175-00002	"Default: E272 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.29	0.48	69
	00176-00001	"Default: E272 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.29	0.48	69
	00177-00001	"Default: E366 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.21	0.48	70
	00177-00002	"Default: E366 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.43	70
	00178-00001	"Default: E366 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.43	70
	00179-00001	"Default: E180 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.44	0.56	75
	00179-00002	"Default: E180 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.40	0.51	75
	00180-00001	"Default: E180 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.40	0.51	75
	00181-00001	"Default: E272 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.30	0.51	76
	00181-00002	"Default: E272 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.28	0.46	76
	00182-00001	"Default: E272 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.28	0.46	76
	00183-00001	"Default: E272 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.29	0.46	76
	00183-00002	"Default: E272 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.26	0.42	76
	00184-00001	"Default: E272 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.26	0.42	76
	00185-00001	"Default: E366 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.46	76
	00185-00002	"Default: E366 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.41	76
	00186-00001	"Default: E366 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.41	76

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00187-00001	"Default: E366 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.42	76
	00187-00002	"Default: E366 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.38	76
	00188-00001	"Default: E366 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.38	76
	00189-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.28	76
	00189-00002	"Default: E340+ / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.25	76
	00190-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.25	76
	00191-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.25	76
	00191-00002	"Default: E340+ / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.23	76
	00192-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.23	76
	00193-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.48	0.59	69
	00193-00002	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.43	0.53	69
	00194-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.43	0.53	69
	00195-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.42	0.55	63
	00195-00002	"Default: E180 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.38	0.49	63
	00196-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.38	0.49	63
	00197-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.29	0.50	63
	00197-00002	"Default: E272 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.26	0.45	63

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00198-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.26	0.45	63
	00199-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.45	64
	00199-00002	"Default: E366 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.18	0.40	64
	00200-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.18	0.40	64
	00201-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.27	64
	00201-00002	"Default: E340+ / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.24	64
	00202-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.24	64
	00203-00001	"Default: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3		0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.29	0.60	0.64	63
	00203-00002	"Default: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3		0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.29	0.54	0.58	63
	00204-00001	"Default: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3		0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.29	0.54	0.58	63
	00205-00001	"Default: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.51	0.62	70
	00205-00002	"Default: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.46	0.55	70
	00206-00001	"Default: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.46	0.55	70
	00207-00001	"Default: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.33	0.56	71
	00207-00002	"Default: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.30	0.50	71
	00208-00001	"Default: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.30	0.50	71
	00209-00001	"Default: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.21	0.50	71

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd.
Product Series: 3500 Fiberglass LP Fixed/Picture
Simulation Lab: SATI
Initial Cert. Date: 04/06/2016

Street: 404 Roblin Blvd.
Product Type: FIXD
Sim. Report #: T0019.01-116-45 R0
Re-Certification Date: 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4
Air Leakage:
Sim. Report Date: 10/09/2025
Revised Date: 08/04/2026

Print Date: 08/25/2026
Test Date: 11/25/2025
Expiration Date: 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00209-00002	"Default: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.45	71
	00210-00001	"Default: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.45	71
	00211-00001	"Default: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.48	0.59	78
	00211-00002	"Default: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.43	0.53	78
	00212-00001	"Default: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.43	0.53	78
	00213-00001	"Default: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.32	0.54	78
	00213-00002	"Default: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.29	0.48	78
	00214-00001	"Default: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.29	0.48	78
	00215-00001	"Default: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.30	0.49	78
	00215-00002	"Default: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.27	0.44	78
	00216-00001	"Default: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.44	78
	00217-00001	"Default: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.49	78
	00217-00002	"Default: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.43	78
	00218-00001	"Default: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.43	78
	00219-00001	"Default: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.44	79
	00219-00002	"Default: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	79
	00220-00001	"Default: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	79

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00221-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.29	78
	00221-00002	"Default: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.26	78
	00222-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	78
	00223-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.27	79
	00223-00002	"Default: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.24	79
	00224-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.24	79
	00225-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.53	0.62	72
	00225-00002	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.47	0.55	72
	00226-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.47	0.55	72
	00227-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.46	0.58	65
	00227-00002	"Default: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.41	0.52	65
	00228-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.41	0.52	65
	00229-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.31	0.53	65
	00229-00002	"Default: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.28	0.47	65
	00230-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.28	0.47	65
	00231-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.47	66
	00231-00002	"Default: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.19	0.42	66

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00232-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.42	66
	00233-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.29	65
	00233-00002	"Default: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.26	65
	00234-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	65
	00235-00001	"Default: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.50	0.61	70
	00235-00002	"Default: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.45	0.55	70
	00236-00001	"Default: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.45	0.55	70
	00237-00001	"Default: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.32	0.55	70
	00237-00002	"Default: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.29	0.50	70
	00238-00001	"Default: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.29	0.50	70
	00239-00001	"Default: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.21	0.50	71
	00239-00002	"Default: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.45	71
	00240-00001	"Default: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.45	71
	00241-00001	"Default: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.47	0.59	77
	00241-00002	"Default: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.43	0.53	77
	00242-00001	"Default: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.43	0.53	77
	00243-00001	"Default: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.32	0.53	77

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00243-00002	"Default: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.29	0.48	77
	00244-00001	"Default: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.29	0.48	77
	00245-00001	"Default: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.30	0.48	78
	00245-00002	"Default: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.27	0.43	78
	00246-00001	"Default: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.43	78
	00247-00001	"Default: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.48	78
	00247-00002	"Default: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.43	78
	00248-00001	"Default: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.43	78
	00249-00001	"Default: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.44	78
	00249-00002	"Default: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	78
	00250-00001	"Default: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	78
	00251-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.29	77
	00251-00002	"Default: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.26	77
	00252-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	77
	00253-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.26	78
	00253-00002	"Default: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.24	78
	00254-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.24	78

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00255-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.51	0.61	71
	00255-00002	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.46	0.55	71
	00256-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.46	0.55	71
	00257-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.45	0.57	64
	00257-00002	"Default: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.40	0.51	64
	00258-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.40	0.51	64
	00259-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.30	0.52	65
	00259-00002	"Default: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.28	0.47	65
	00260-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.28	0.47	65
	00261-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.47	65
	00261-00002	"Default: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.18	0.42	65
	00262-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.18	0.42	65
	00263-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.28	65
	00263-00002	"Default: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.25	65
	00264-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.25	65
	00265-00001	"Default: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.49	0.60	69
	00265-00002	"Default: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.44	0.54	69

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00266-00001	"Default: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.44	0.54	69
	00267-00001	"Default: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.32	0.55	70
	00267-00002	"Default: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.29	0.49	70
	00268-00001	"Default: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.29	0.49	70
	00269-00001	"Default: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.21	0.49	70
	00269-00002	"Default: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.44	70
	00270-00001	"Default: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.44	70
	00271-00001	"Default: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.46	0.58	76
	00271-00002	"Default: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.42	0.52	76
	00272-00001	"Default: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.42	0.52	76
	00273-00001	"Default: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.31	0.53	77
	00273-00002	"Default: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.28	0.47	77
	00274-00001	"Default: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.28	0.47	77
	00275-00001	"Default: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.30	0.48	77
	00275-00002	"Default: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.27	0.43	77
	00276-00001	"Default: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.43	77
	00277-00001	"Default: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.47	77

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00277-00002	"Default: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.42	77
	00278-00001	"Default: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.42	77
	00279-00001	"Default: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.43	77
	00279-00002	"Default: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	77
	00280-00001	"Default: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	77
	00281-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.29	77
	00281-00002	"Default: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.26	77
	00282-00001	"Default: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	77
	00283-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.26	77
	00283-00002	"Default: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.23	77
	00284-00001	"Default: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.23	77
	00285-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.50	0.60	70
	00285-00002	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.45	0.54	70
	00286-00001	"Default: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.45	0.54	70
	00287-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.44	0.57	64
	00287-00002	"Default: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.40	0.51	64
	00288-00001	"Default: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.40	0.51	64

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00289-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.30	0.51	64
	00289-00002	"Default: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.27	0.46	64
	00290-00001	"Default: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.46	64
	00291-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.46	65
	00291-00002	"Default: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.18	0.41	65
	00292-00001	"Default: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.18	0.41	65
	00293-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.28	64
	00293-00002	"Default: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.25	64
	00294-00001	"Default: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.25	64
	00295-00001	"Alternate Foam: E180 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.630	SS-D	Fill 1: ARG (90)	N		CL	0.28	0.55	0.67	61
	00295-00002	"Alternate Foam: E180 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.630	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.28	0.50	0.60	61
	00296-00001	"Alternate Foam: E180 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.630	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.28	0.50	0.60	61
	00297-00001	"Alternate Foam: E272 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.630	SS-D	Fill 1: ARG (90)	N		CL	0.27	0.35	0.61	62
	00297-00002	"Alternate Foam: E272 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.630	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.27	0.32	0.55	62
	00298-00001	"Alternate Foam: E272 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.630	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.27	0.32	0.55	62
	00299-00001	"Alternate Foam: E366 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.630	SS-D	Fill 1: ARG (90)	N		CL	0.26	0.23	0.55	62
	00299-00002	"Alternate Foam: E366 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.630	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.26	0.21	0.49	62

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00300-00001	"Alternate Foam: E366 / arg90 / clr (3mm/3mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.630	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.26	0.21	0.49	62
	00301-00001	"Alternate Foam: E180 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.560	SS-D	Fill 1: ARG (90)	N		CL	0.28	0.54	0.67	60
	00301-00002	"Alternate Foam: E180 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.560	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.28	0.49	0.60	60
	00302-00001	"Alternate Foam: E180 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.560	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.28	0.49	0.60	60
	00303-00001	"Alternate Foam: E272 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.560	SS-D	Fill 1: ARG (90)	N		CL	0.27	0.35	0.61	61
	00303-00002	"Alternate Foam: E272 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.560	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.27	0.32	0.54	61
	00304-00001	"Alternate Foam: E272 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.560	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.27	0.32	0.54	61
	00305-00001	"Alternate Foam: E366 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.560	SS-D	Fill 1: ARG (90)	N		CL	0.26	0.23	0.55	62
	00305-00002	"Alternate Foam: E366 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.560	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.26	0.21	0.49	62
	00306-00001	"Alternate Foam: E366 / arg90 / clr (4mm/4mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.560	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.26	0.21	0.49	62
	00307-00001	"Alternate Foam: E180 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.380	SS-D	Fill 1: ARG (90)	N		CL	0.29	0.52	0.65	57
	00308-00001	"Alternate Foam: E180 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.380	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.30	0.47	0.58	57
	00309-00001	"Alternate Foam: E180 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.068(2)	0.380	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.30	0.47	0.58	57
	00310-00001	"Alternate Foam: E272 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.380	SS-D	Fill 1: ARG (90)	N		CL	0.28	0.35	0.59	58
	00311-00001	"Alternate Foam: E272 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.380	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.29	0.31	0.53	58
	00312-00001	"Alternate Foam: E272 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.042(2)	0.380	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.29	0.31	0.53	58
	00313-00001	"Alternate Foam: E366 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.380	SS-D	Fill 1: ARG (90)	N		CL	0.27	0.24	0.53	58

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00314-00001	"Alternate Foam: E366 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.380	SS-D	Fill 1: ARG (90)	G	0.75	CL	0.28	0.22	0.48	58
	00315-00001	"Alternate Foam: E366 / arg90 / clr (6mm/6mm) 7/8"" IG"	FF/NA	2	0.02(2)	0.380	SS-D	Fill 1: ARG (90)	S	0.75	CL	0.28	0.22	0.48	58
	00316-00001	"Alternate Foam: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3		0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.29	0.60	0.64	62
	00316-00002	"Alternate Foam: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3		0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.29	0.54	0.58	62
	00317-00001	"Alternate Foam: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3		0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.29	0.54	0.58	62
	00318-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.51	0.62	69
	00318-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.46	0.55	69
	00319-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.46	0.55	69
	00320-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.33	0.56	70
	00320-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.30	0.50	70
	00321-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.30	0.50	70
	00322-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.22	0.50	70
	00322-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.45	70
	00323-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.45	70
	00324-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.48	0.59	77
	00324-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.43	0.53	77

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00325-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.43	0.53	77
	00326-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.32	0.54	77
	00326-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.29	0.48	77
	00327-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.29	0.48	77
	00328-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.30	0.49	78
	00328-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.27	0.44	78
	00329-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.44	78
	00330-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.49	78
	00330-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.43	78
	00331-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.43	78
	00332-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.44	78
	00332-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	78

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00333-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	78
	00334-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.29	78
	00334-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.26	78
	00335-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	78
	00336-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.27	78
	00336-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.24	78
	00337-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.24	78
	00338-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.53	0.62	71
	00338-00002	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.47	0.55	71
	00339-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.47	0.55	71
	00340-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.46	0.58	64
	00340-00002	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.41	0.52	64

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00341-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.41	0.52	64
	00342-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.31	0.53	64
	00342-00002	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.28	0.47	64
	00343-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.28	0.47	64
	00344-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.47	65
	00344-00002	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.19	0.42	65
	00345-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.14	0.19	0.42	65
	00346-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.29	65
	00346-00002	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.26	65
	00347-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.560,0.560	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	65
	00348-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.50	0.61	69
	00348-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.45	0.55	69
	00349-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.45	0.55	69
	00350-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.32	0.55	69
	00350-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.29	0.50	69
	00351-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.29	0.50	69
	00352-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.22	0.50	70

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00352-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.45	70
	00353-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.45	70
	00354-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.47	0.59	76
	00354-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.42	0.53	76
	00355-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.42	0.53	76
	00356-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.32	0.53	76
	00356-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.29	0.48	76
	00357-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.29	0.48	76
	00358-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.30	0.48	77
	00358-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.27	0.43	77
	00359-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.43	77
	00360-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.48	77

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00360-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.43	77
	00361-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.43	77
	00362-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.44	77
	00362-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	77
	00363-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	77
	00364-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.29	77
	00364-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.26	77
	00365-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	77
	00366-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.26	77
	00366-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.24	77
	00367-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.24	77
	00368-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.51	0.61	70

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Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00368-00002	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.46	0.55	70
	00369-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.46	0.55	70
	00370-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.45	0.57	63
	00370-00002	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.40	0.51	63
	00371-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.40	0.51	63
	00372-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.30	0.52	64
	00372-00002	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.27	0.47	64
	00373-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.47	64
	00374-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.47	64
	00374-00002	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.19	0.42	64
	00375-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.42	64
	00376-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.28	64
	00376-00002	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.25	64
	00377-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.520,0.520	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.25	64
	00378-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.49	0.60	69
	00378-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.44	0.54	69

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Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00379-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.44	0.54	69
	00380-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.32	0.55	69
	00380-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.29	0.49	69
	00381-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.29	0.49	69
	00382-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.22	0.49	70
	00382-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.44	70
	00383-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.44	70
	00384-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.46	0.58	75
	00384-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.42	0.52	75
	00385-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.42	0.52	75
	00386-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.31	0.53	76
	00386-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.28	0.47	76
	00387-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.28	0.47	76
	00388-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.30	0.48	76

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Initial Cert. Date: 04/06/2016

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Product Type: FIXD
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Re-Certification Date: 02/02/2026

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CPD Number: BMM-M-13 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00388-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.27	0.43	76
	00389-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.27	0.43	76
	00390-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.21	0.47	76
	00390-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.19	0.42	76
	00391-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.19	0.42	76
	00392-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.43	77
	00392-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	77
	00393-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	77
	00394-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.13	0.29	76
	00394-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.12	0.26	76
	00395-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.12	0.26	76
	00396-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.26	77

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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
	00396-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.23	77
	00397-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.23	77
	00398-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.50	0.60	69
	00398-00002	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.45	0.54	69
	00399-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(5)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.45	0.54	69
	00400-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.44	0.57	63
	00400-00002	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.40	0.51	63
	00401-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.40	0.51	63
	00402-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.30	0.51	64
	00402-00002	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.27	0.46	64
	00403-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.46	64
	00404-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.46	64
	00404-00002	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.18	0.41	64
	00405-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.18	0.41	64

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00406-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.28	64
	00406-00002	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.25	64
	00407-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-1/2"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.470,0.470	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.25	64
	00408-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.47	0.59	69
	00408-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.43	0.53	69
	00409-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.43	0.53	69
	00410-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.32	0.53	69
	00410-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.29	0.48	69
	00411-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.29	0.48	69
	00412-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.21	0.48	70
	00412-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.43	70
	00413-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.43	70
	00414-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.44	0.56	75
	00414-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.40	0.51	75
	00415-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.40	0.51	75

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd.
Product Series: 3500 Fiberglass LP Fixed/Picture
Simulation Lab: SATI
Initial Cert. Date: 04/06/2016

Street: 404 Roblin Blvd.
Product Type: FIXD
Sim. Report #: T0019.01-116-45 R0
Re-Certification Date: 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4
Air Leakage:
Sim. Report Date: 10/09/2025
Revised Date: 08/04/2026

Print Date: 08/25/2026
Test Date: 11/25/2025
Expiration Date: 03/11/2031

CPD Number: BMM-M-13 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00416-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.30	0.51	76
	00416-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.28	0.46	76
	00417-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.28	0.46	76
	00418-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.29	0.46	76
	00418-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.26	0.42	76
	00419-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.26	0.42	76
	00420-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.46	76
	00420-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.41	76
	00421-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.41	76
	00422-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.42	76
	00422-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.38	76
	00423-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.38	76

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd.
Street: 404 Roblin Blvd.
City/State/Zip: Winkler, MB R6W 0N4
Print Date: 08/25/2026

Product Series: 3500 Fiberglass LP Fixed/Picture
Product Type: FIXD
Air Leakage:

Simulation Lab: SATI
Sim. Report #: T0019.01-116-45 R0
Sim. Report Date: 10/09/2025
Test Date: 11/25/2025

Initial Cert. Date: 04/06/2016
Re-Certification Date: 02/02/2026
Revised Date: 08/04/2026
Expiration Date: 03/11/2031

CPD Number: BMM-M-13 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00424-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.28	76
	00424-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.25	76
	00425-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.25	76
	00426-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.25	76
	00426-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.23	76
	00427-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.23	76
	00428-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.48	0.59	69
	00428-00002	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.43	0.53	69
	00429-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.43	0.53	69
	00430-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.42	0.55	63
	00430-00002	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.38	0.49	63
	00431-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.38	0.49	63
	00432-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.29	0.50	63

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00432-00002	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.26	0.45	63
	00433-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.26	0.45	63
	00434-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.45	64
	00434-00002	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.18	0.40	64
	00435-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.18	0.40	64
	00436-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.27	64
	00436-00002	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.24	64
	00437-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (6mm/6mm/6mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.500,0.500	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.24	64
	00438-00001	"Alternate Foam: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3		0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.29	0.60	0.64	63
	00438-00002	"Alternate Foam: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3		0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.29	0.54	0.58	63
	00439-00001	"Alternate Foam: clr / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3		0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.29	0.54	0.58	63
	00440-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.51	0.62	70
	00440-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.46	0.55	70
	00441-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.46	0.55	70
	00442-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.33	0.56	71
	00442-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.30	0.50	71
	00443-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.30	0.50	71

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd.
Product Series: 3500 Fiberglass LP Fixed/Picture
Simulation Lab: SATI
Initial Cert. Date: 04/06/2016

Street: 404 Roblin Blvd.
Product Type: FIXD
Sim. Report #: T0019.01-116-45 R0
Re-Certification Date: 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4
Air Leakage:
Sim. Report Date: 10/09/2025
Revised Date: 08/04/2026

Print Date: 08/25/2026
Test Date: 11/25/2025
Expiration Date: 03/11/2031

CPD Number: BMM-M-13 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00444-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.21	0.50	71
	00444-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.45	71
	00445-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.45	71
	00446-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.48	0.59	78
	00446-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.43	0.53	78
	00447-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.43	0.53	78
	00448-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.32	0.54	78
	00448-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.29	0.48	78
	00449-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.29	0.48	78
	00450-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.30	0.49	79
	00450-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.27	0.44	79
	00451-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.44	79

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd.
Product Series: 3500 Fiberglass LP Fixed/Picture
Simulation Lab: SATI
Initial Cert. Date: 04/06/2016

Street: 404 Roblin Blvd.
Product Type: FIXD
Sim. Report #: T0019.01-116-45 R0
Re-Certification Date: 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4
Air Leakage:
Sim. Report Date: 10/09/2025
Revised Date: 08/04/2026

Print Date: 08/25/2026
Test Date: 11/25/2025
Expiration Date: 03/11/2031

CPD Number: BMM-M-13 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00452-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.49	78
	00452-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.43	78
	00453-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.43	78
	00454-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.44	79
	00454-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	79
	00455-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	79
	00456-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.29	78
	00456-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.26	78
	00457-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	78
	00458-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.27	79
	00458-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.24	79
	00459-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.24	79

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00460-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.53	0.62	72
	00460-00002	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.47	0.55	72
	00461-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.47	0.55	72
	00462-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.46	0.58	65
	00462-00002	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.41	0.52	65
	00463-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.41	0.52	65
	00464-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.31	0.53	65
	00464-00002	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.28	0.47	65
	00465-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.28	0.47	65
	00466-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.47	66
	00466-00002	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.19	0.42	66
	00467-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.42	66
	00468-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.29	66
	00468-00002	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.26	66
	00469-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (3mm/3mm/3mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.690,0.690	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	66

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd.
Product Series: 3500 Fiberglass LP Fixed/Picture
Simulation Lab: SATI
Initial Cert. Date: 04/06/2016

Street: 404 Roblin Blvd.
Product Type: FIXD
Sim. Report #: T0019.01-116-45 R0
Re-Certification Date: 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4
Air Leakage:
Sim. Report Date: 10/09/2025
Revised Date: 08/04/2026

Print Date: 08/25/2026
Test Date: 11/25/2025
Expiration Date: 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00470-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.50	0.61	70
	00470-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.45	0.55	70
	00471-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.45	0.55	70
	00472-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.32	0.55	70
	00472-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.29	0.50	70
	00473-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.29	0.50	70
	00474-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.21	0.50	71
	00474-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.45	71
	00475-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.45	71
	00476-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.47	0.59	77
	00476-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.43	0.53	77
	00477-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.43	0.53	77
	00478-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.32	0.53	77
	00478-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.29	0.48	77

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00479-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.29	0.48	77
	00480-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.30	0.48	78
	00480-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.27	0.43	78
	00481-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.43	78
	00482-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.48	78
	00482-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.43	78
	00483-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.43	78
	00484-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.44	78
	00484-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	78
	00485-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	78
	00486-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.29	78
	00486-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.26	78

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00487-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	78
	00488-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.26	78
	00488-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.24	78
	00489-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.24	78
	00490-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.51	0.61	71
	00490-00002	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.46	0.55	71
	00491-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.46	0.55	71
	00492-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.45	0.57	65
	00492-00002	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.40	0.51	65
	00493-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.40	0.51	65
	00494-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.30	0.52	65
	00494-00002	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.28	0.47	65
	00495-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.28	0.47	65
	00496-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.47	65

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00496-00002	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.18	0.42	65
	00497-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.18	0.42	65
	00498-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.28	65
	00498-00002	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.25	65
	00499-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (4mm/4mm/4mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.640,0.640	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.25	65
	00500-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.49	0.60	69
	00500-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.21	0.44	0.54	69
	00501-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.21	0.44	0.54	69
	00502-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.32	0.55	70
	00502-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.29	0.49	70
	00503-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.29	0.49	70
	00504-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.21	0.49	70
	00504-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.20	0.44	70
	00505-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / clr (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.20	0.44	70
	00506-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.16	0.46	0.58	76
	00506-00002	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.16	0.42	0.52	76

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00507-00001	"Alternate Foam: E180 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.16	0.42	0.52	76
	00508-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.31	0.53	77
	00508-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.28	0.47	77
	00509-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.28	0.47	77
	00510-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.30	0.48	77
	00510-00002	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.27	0.43	77
	00511-00001	"Alternate Foam: E272 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.43	77
	00512-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.47	77
	00512-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.42	77
	00513-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.42	77
	00514-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.21	0.43	77
	00514-00002	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.19	0.39	77

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00515-00001	"Alternate Foam: E366 / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.19	0.39	77
	00516-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.29	77
	00516-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.26	77
	00517-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.26	77
	00518-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.15	0.13	0.26	77
	00518-00002	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.15	0.12	0.23	77
	00519-00001	"Alternate Foam: E340+ / arg90 / clr / arg90 / E272 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.042(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.23	77
	00520-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.50	0.60	71
	00520-00002	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.20	0.45	0.54	71
	00521-00001	"Alternate Foam: clr (Frosted) / arg90 / clr / arg90 / E180 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(5)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.20	0.45	0.54	71
	00522-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.44	0.57	64
	00522-00002	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.40	0.51	64

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd. **Product Series:** 3500 Fiberglass LP Fixed/Picture **Simulation Lab:** SATI **Initial Cert. Date:** 04/06/2016

Street: 404 Roblin Blvd. **Product Type:** FIXD **Sim. Report #:** T0019.01-116-45 R0 **Re-Certification Date:** 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4 **Air Leakage:** **Sim. Report Date:** 10/09/2025 **Revised Date:** 08/04/2026

Print Date: 08/25/2026 **Test Date:** 11/25/2025 **Expiration Date:** 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00523-00001	"Alternate Foam: E180 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.068(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.40	0.51	64
	00524-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.30	0.51	64
	00524-00002	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.27	0.46	64
	00525-00001	"Alternate Foam: E272 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.042(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.27	0.46	64
	00526-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.20	0.46	65
	00526-00002	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.18	0.41	65
	00527-00001	"Alternate Foam: E366 / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.02(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.18	0.41	65
	00528-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.14	0.13	0.28	65
	00528-00002	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	G	0.75	CL	0.14	0.12	0.25	65
	00529-00001	"Alternate Foam: E340+ / arg90 / E180 / arg90 / i89 (5mm/5mm/5mm) 1-3/4"" IG"	FF/NA	3	0.027(2), 0.068(4), 0.149(6)	0.590,0.590	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	S	0.75	CL	0.15	0.12	0.25	65
	00530-00001	"Default: RockGlass / arg90 / E272 (10mm/6mm) 1"" IG"	FF/NA	2	0.042(3)	0.374	SS-D	Fill 1: ARG (90)	N		CL	0.26	0.40	0.54	62
	00531-00001	"Default: RockGlass / arg90 / E366 (10mm/6mm) 1"" IG"	FF/NA	2	0.02(3)	0.374	SS-D	Fill 1: ARG (90)	N		CL	0.25	0.31	0.49	63
	00532-00001	"Default: RockGlass / arg90 / Clear (10mm/6mm) 1"" IG"	FF/NA	2		0.374	SS-D	Fill 1: ARG (90)	N		CL	0.41	0.60	0.62	49
	00533-00001	"Default: RockGlass / arg90 / Clear / arg90 / E272 (10mm/6mm/6mm) 1-5/8"" IG"	FF/NA	3	0.042(5)	0.374,0.374	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.38	0.49	69
	00534-00001	"Default: RockGlass / arg90 / Clear / arg90 / E366 (10mm/6mm/6mm) 1-5/8"" IG"	FF/NA	3	0.02(5)	0.374,0.374	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.31	0.44	70

NFRC Product Certification Authorization Report

Manufacturer: Berdick Mfg. Manitoba Ltd.
Product Series: 3500 Fiberglass LP Fixed/Picture
Simulation Lab: SATI
Initial Cert. Date: 04/06/2016

Street: 404 Roblin Blvd.
Product Type: FIXD
Sim. Report #: T0019.01-116-45 R0
Re-Certification Date: 02/02/2026

City/State/Zip: Winkler, MB R6W 0N4
Air Leakage:
Sim. Report Date: 10/09/2025
Revised Date: 08/04/2026

Print Date: 08/25/2026
Test Date: 11/25/2025
Expiration Date: 03/11/2031

CPD Number: BMM-M-13 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00535-00001	"Default: RockGlass / arg90 / Clear / arg90 / Clear (10mm/6mm/6mm) 1-5/8"" IG"	FF/NA	3		0.374,0.374	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.28	0.53	0.56	63
	00536-00001	"Alternate Foam: RockGlass / arg90 / E272 (10mm/6mm) 1"" IG"	FF/NA	2	0.042(3)	0.374	SS-D	Fill 1: ARG (90)	N		CL	0.26	0.40	0.54	62
	00537-00001	"Alternate Foam: RockGlass / arg90 / E366 (10mm/6mm) 1"" IG"	FF/NA	2	0.02(3)	0.374	SS-D	Fill 1: ARG (90)	N		CL	0.25	0.31	0.49	63
	00538-00001	"Alternate Foam: RockGlass / arg90 / Clear (10mm/6mm) 1"" IG"	FF/NA	2		0.374	SS-D	Fill 1: ARG (90)	N		CL	0.41	0.60	0.62	49
	00539-00001	"Alternate Foam: RockGlass / arg90 / Clear / arg90 / E272 (10mm/6mm/6mm) 1-5/8"" IG"	FF/NA	3	0.042(5)	0.374,0.374	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.21	0.38	0.49	69
	00540-00001	"Alternate Foam: RockGlass / arg90 / Clear / arg90 / E366 (10mm/6mm/6mm) 1-5/8"" IG"	FF/NA	3	0.02(5)	0.374,0.374	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.20	0.31	0.44	70
	00541-00001	"Alternate Foam: RockGlass / arg90 / Clear / arg90 / Clear (10mm/6mm/6mm) 1-5/8"" IG"	FF/NA	3		0.374,0.374	SS-D	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.28	0.53	0.56	63

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATI	**11/25/2025**	1200mm x 1499mm	0.170	0.169	T0021.01-116-46

Comments: T0019.03-116-45 R0 added options 530 - 541 on 08/25/2026.

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: