NFRC Product Certification Authorization Report

Manufacturer: Nana Wall Systems, Inc.
Product Series: SL 45 Inward/Outward Opening Door
Simulation Lab: SATI
Initial Cert. Date: 05/19/2016

Street: 100 Meadowcreek Drive * Suite 200
Product Type: EDSL
Sim. Report #: T3335.01-116-45 R0
Re-Certification Date: 06/04/2026

City/State/Zip: Corte Madera, CA 94925
Air Leakage:
Sim. Report Date: 02/24/2026
Revised Date: 01/01/1970

Print Date: 06/04/2026
Test Date: 03/25/2026
Expiration Date: 09/24/2031

CPD Number: NAN-M-19 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	00748-00001	Inswing - Standard Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	N		CL	0.67	0.55	0.58	18
	00749-00001	Inswing - Standard Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.70	0.42	0.43	18
	00750-00001	Inswing - Standard Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.69	0.42	0.43	18
	00751-00001	Inswing - Standard Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	N		CL	0.65	0.55	0.58	18
	00752-00001	Inswing - Standard Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.69	0.43	0.43	18
	00753-00001	Inswing - Standard Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.68	0.43	0.43	18
	00754-00001	Inswing - Standard Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	N		CL	0.51	0.31	0.51	18
	00755-00001	Inswing - Standard Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.57	0.24	0.38	18
	00756-00001	Inswing - Standard Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.55	0.24	0.38	18
	00757-00001	Inswing - Standard Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	N		CL	0.54	0.31	0.51	18
	00758-00001	Inswing - Standard Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.60	0.24	0.38	18
	00759-00001	Inswing - Standard Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.58	0.24	0.38	18
	00760-00001	Inswing - Standard Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	N		CL	0.51	0.22	0.47	18
	00761-00001	Inswing - Standard Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.56	0.17	0.35	18
	00762-00001	Inswing - Standard Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.54	0.17	0.35	18
	00763-00001	Inswing - Standard Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	N		CL	0.54	0.22	0.47	18

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	00764-00001	Inswing - Standard Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.59	0.18	0.35	18
	00765-00001	Inswing - Standard Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.57	0.18	0.35	18
	00766-00001	Inswing - Standard Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.48	0.30	0.50	18
	00767-00001	Inswing - Standard Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.55	0.24	0.37	18
	00768-00001	Inswing - Standard Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.52	0.24	0.37	18
	00769-00001	Inswing - Standard Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.51	0.30	0.50	18
	00770-00001	Inswing - Standard Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.58	0.24	0.37	18
	00771-00001	Inswing - Standard Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.55	0.24	0.37	18
	00772-00001	Inswing - Standard Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.48	0.21	0.46	18
	00773-00001	Inswing - Standard Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.55	0.17	0.34	18
	00774-00001	Inswing - Standard Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.52	0.17	0.34	18
	00775-00001	Inswing - Standard Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.51	0.22	0.46	18
	00776-00001	Inswing - Standard Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.57	0.17	0.34	18
	00777-00001	Inswing - Standard Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.54	0.17	0.34	18
	00778-00001	Inswing - Standard Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.52	0.19	0.37	18
	00779-00001	Inswing - Standard Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.58	0.15	0.28	18
	00780-00001	Inswing - Standard Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.55	0.15	0.28	18

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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. Index
	00781-00001	Inswing - Standard Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.55	0.19	0.37	18
	00782-00001	Inswing - Standard Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.61	0.16	0.28	18
	00783-00001	Inswing - Standard Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.59	0.16	0.28	18
	00784-00001	Inswing - Standard Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	N		CL	0.48	0.18	0.36	18
	00785-00001	Inswing - Standard Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.54	0.15	0.27	18
	00786-00001	Inswing - Standard Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.51	0.15	0.27	18
	00787-00001	Inswing - Standard Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	N		CL	0.50	0.19	0.36	18
	00788-00001	Inswing - Standard Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.57	0.15	0.27	18
	00789-00001	Inswing - Standard Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.54	0.15	0.27	18
	00790-00001	Inswing - Standard Sill: E366 / VIG / Clear (5mm/5mm) - 3/8 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.41	0.21	0.46	
	00791-00001	Inswing - Standard Sill: E366 / VIG / Clear (5mm/5mm) - 3/8 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.46	0.17	0.34	
	00792-00001	Inswing - Standard Sill: E366 / VIG / Clear (4mm/4mm) - 5/16 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.41	0.21	0.46	
	00793-00001	Inswing - Standard Sill: E366 / VIG / Clear (4mm/4mm) - 5/16 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.46	0.17	0.34	
	00794-00001	Inswing - Standard Sill: E366 / VIG / Clear (3mm/3mm) - 1/4 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.41	0.21	0.46	
	00795-00001	Inswing - Standard Sill: E366 / VIG / Clear (3mm/3mm) - 1/4 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.46	0.17	0.35	
	00796-00001	Inswing - Standard Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.48	0.20	0.41	18

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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. Index
	00797-00001	Inswing - Standard Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	W	1.50	CL	0.53	0.16	0.31	18
	00798-00001	Inswing - Standard Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	T	1.50	CL	0.52	0.16	0.31	18
	00799-00001	Inswing - Standard Sill: Clear-Lami (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1			N		N		CL	1.02	0.60	0.64	18
	00800-00001	Inswing - Standard Sill: Clear-Lami (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1			N		T	1.50	CL	1.04	0.46	0.47	18
	00801-00001	Inswing - Standard Sill: Clear-Lami-IS-20 (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1	0.198(2)		N		N		CL	0.78	0.55	0.61	16
	00802-00001	Inswing - Standard Sill: Clear-Lami-IS-20 (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1	0.198(2)		N		T	1.50	CL	0.81	0.42	0.46	16
	00803-00001	Inswing - Standard Sill: Clear (6mm) - 1/4 IG	AN/AN	1			N		N		CL	1.04	0.62	0.64	18
	00804-00001	Inswing - Standard Sill: Clear (6mm) - 1/4 IG	AN/AN	1			N		T	1.50	CL	1.05	0.48	0.47	18
	00805-00001	Inswing - Standard Sill: IS-20 (6mm) - 1/4 IG	AN/AN	1	0.198(2)		N		N		CL	0.79	0.57	0.62	15
	00806-00001	Inswing - Standard Sill: IS-20 (6mm) - 1/4 IG	AN/AN	1	0.198(2)		N		T	1.50	CL	0.82	0.44	0.46	15
	00807-00001	Inswing - Standard Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	N		CL	0.51	0.26	0.50	18
	00808-00001	Inswing - Standard Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.54	0.21	0.38	18
	00809-00001	Inswing - Standard Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.54	0.21	0.38	18
	00810-00001	Inswing - Standard Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	N		CL	0.54	0.27	0.50	18
	00811-00001	Inswing - Standard Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.57	0.21	0.38	18
	00812-00001	Inswing - Standard Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.57	0.21	0.38	18

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	00813-00001	Inswing - Standard Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	N		CL	0.51	0.25	0.44	18
	00814-00001	Inswing - Standard Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.54	0.20	0.33	18
	00815-00001	Inswing - Standard Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.54	0.20	0.33	18
	00816-00001	Inswing - Standard Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	N		CL	0.54	0.25	0.44	18
	00817-00001	Inswing - Standard Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.57	0.20	0.33	18
	00818-00001	Inswing - Standard Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.58	0.20	0.33	18
	00819-00001	Inswing - Standard Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	N		CL	0.52	0.42	0.57	18
	00820-00001	Inswing - Standard Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.55	0.33	0.43	18
	00821-00001	Inswing - Standard Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.55	0.33	0.43	18
	00822-00001	Inswing - Standard Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	N		CL	0.55	0.42	0.57	18
	00823-00001	Inswing - Standard Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.57	0.33	0.43	18
	00824-00001	Inswing - Standard Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.58	0.33	0.43	18
	00825-00001	Inswing - Saddle Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	N		CL	0.68	0.55	0.57	18
	00826-00001	Inswing - Saddle Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.71	0.42	0.43	18

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Manufacturer: Nana Wall Systems, Inc.
Street: 100 Meadowcreek Drive * Suite 200
City/State/Zip: Corte Madera, CA 94925
Print Date: 06/04/2026

Product Series: SL 45 Inward/Outward Opening Door
Product Type: EDSL
Air Leakage:

Simulation Lab: SATI
Sim. Report #: T3335.01-116-45 R0
Sim. Report Date: 02/24/2026
Test Date: 03/25/2026

Initial Cert. Date: 05/19/2016
Re-Certification Date: 06/04/2026
Revised Date: 01/01/1970
Expiration Date: 09/24/2031

CPD Number: NAN-M-19 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	00827-00001	Inswing - Saddle Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.70	0.42	0.43	18
	00828-00001	Inswing - Saddle Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	N		CL	0.66	0.55	0.57	18
	00829-00001	Inswing - Saddle Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.70	0.42	0.43	18
	00830-00001	Inswing - Saddle Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.69	0.42	0.43	18
	00831-00001	Inswing - Saddle Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	N		CL	0.53	0.30	0.51	18
	00832-00001	Inswing - Saddle Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.58	0.24	0.38	18
	00833-00001	Inswing - Saddle Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.56	0.24	0.38	18
	00834-00001	Inswing - Saddle Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	N		CL	0.56	0.31	0.51	18
	00835-00001	Inswing - Saddle Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.61	0.24	0.38	18
	00836-00001	Inswing - Saddle Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.59	0.24	0.38	18
	00837-00001	Inswing - Saddle Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	N		CL	0.52	0.22	0.47	18
	00838-00001	Inswing - Saddle Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.58	0.17	0.35	18
	00839-00001	Inswing - Saddle Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.56	0.17	0.35	18
	00840-00001	Inswing - Saddle Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	N		CL	0.55	0.22	0.47	18
	00841-00001	Inswing - Saddle Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.60	0.18	0.35	18
	00842-00001	Inswing - Saddle Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.58	0.18	0.35	18
	00843-00001	Inswing - Saddle Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.50	0.30	0.50	18

NFRC Product Certification Authorization Report

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	00844-00001	Inswing - Saddle Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.56	0.23	0.37	18
	00845-00001	Inswing - Saddle Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.53	0.23	0.37	18
	00846-00001	Inswing - Saddle Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.52	0.30	0.50	18
	00847-00001	Inswing - Saddle Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.59	0.24	0.37	18
	00848-00001	Inswing - Saddle Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.56	0.24	0.37	18
	00849-00001	Inswing - Saddle Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.49	0.21	0.45	18
	00850-00001	Inswing - Saddle Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.56	0.17	0.34	18
	00851-00001	Inswing - Saddle Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.53	0.17	0.34	18
	00852-00001	Inswing - Saddle Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.52	0.21	0.45	18
	00853-00001	Inswing - Saddle Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.59	0.17	0.34	18
	00854-00001	Inswing - Saddle Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.56	0.17	0.34	18
	00855-00001	Inswing - Saddle Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.53	0.19	0.37	18
	00856-00001	Inswing - Saddle Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.59	0.15	0.28	18
	00857-00001	Inswing - Saddle Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.56	0.15	0.28	18
	00858-00001	Inswing - Saddle Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.57	0.19	0.37	18
	00859-00001	Inswing - Saddle Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.62	0.16	0.28	18
	00860-00001	Inswing - Saddle Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.60	0.16	0.28	18

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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. Index
	00861-00001	Inswing - Saddle Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	N		CL	0.49	0.18	0.36	18
	00862-00001	Inswing - Saddle Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.55	0.15	0.27	18
	00863-00001	Inswing - Saddle Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.52	0.15	0.27	18
	00864-00001	Inswing - Saddle Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	N		CL	0.51	0.18	0.36	18
	00865-00001	Inswing - Saddle Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.58	0.15	0.27	18
	00866-00001	Inswing - Saddle Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.55	0.15	0.27	18
	00867-00001	Inswing - Saddle Sill: E366 / VIG / Clear (5mm/5mm) - 3/8 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.43	0.21	0.45	
	00868-00001	Inswing - Saddle Sill: E366 / VIG / Clear (5mm/5mm) - 3/8 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.48	0.17	0.34	
	00869-00001	Inswing - Saddle Sill: E366 / VIG / Clear (4mm/4mm) - 5/16 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.43	0.21	0.46	
	00870-00001	Inswing - Saddle Sill: E366 / VIG / Clear (4mm/4mm) - 5/16 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.48	0.17	0.34	
	00871-00001	Inswing - Saddle Sill: E366 / VIG / Clear (3mm/3mm) - 1/4 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.43	0.21	0.46	
	00872-00001	Inswing - Saddle Sill: E366 / VIG / Clear (3mm/3mm) - 1/4 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.48	0.17	0.34	
	00873-00001	Inswing - Saddle Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.49	0.20	0.41	18
	00874-00001	Inswing - Saddle Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	W	1.50	CL	0.54	0.16	0.31	18
	00875-00001	Inswing - Saddle Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	T	1.50	CL	0.53	0.16	0.31	18

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	00876-00001	Inswing - Saddle Sill: Clear-Lami (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1			N		N		CL	1.03	0.60	0.63	18
	00877-00001	Inswing - Saddle Sill: Clear-Lami (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1			N		T	1.50	CL	1.05	0.46	0.47	18
	00878-00001	Inswing - Saddle Sill: Clear-Lami-IS-20 (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1	0.198(2)		N		N		CL	0.79	0.55	0.61	16
	00879-00001	Inswing - Saddle Sill: Clear-Lami-IS-20 (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1	0.198(2)		N		T	1.50	CL	0.83	0.42	0.46	16
	00880-00001	Inswing - Saddle Sill: Clear (6mm) - 1/4 IG	AN/AN	1			N		N		CL	1.05	0.62	0.63	18
	00881-00001	Inswing - Saddle Sill: Clear (6mm) - 1/4 IG	AN/AN	1			N		T	1.50	CL	1.06	0.47	0.47	18
	00882-00001	Inswing - Saddle Sill: IS-20 (6mm) - 1/4 IG	AN/AN	1	0.198(2)		N		N		CL	0.80	0.57	0.62	15
	00883-00001	Inswing - Saddle Sill: IS-20 (6mm) - 1/4 IG	AN/AN	1	0.198(2)		N		T	1.50	CL	0.83	0.44	0.46	15
	00884-00001	Inswing - Saddle Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	N		CL	0.52	0.26	0.50	18
	00885-00001	Inswing - Saddle Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.55	0.21	0.37	18
	00886-00001	Inswing - Saddle Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.56	0.21	0.37	18
	00887-00001	Inswing - Saddle Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	N		CL	0.55	0.27	0.50	18
	00888-00001	Inswing - Saddle Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.58	0.21	0.37	18
	00889-00001	Inswing - Saddle Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.58	0.21	0.37	18
	00890-00001	Inswing - Saddle Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	N		CL	0.52	0.25	0.43	18
	00891-00001	Inswing - Saddle Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.55	0.20	0.32	18
	00892-00001	Inswing - Saddle Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.55	0.20	0.32	18

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	00893-00001	Inswing - Saddle Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	N		CL	0.56	0.25	0.43	18
	00894-00001	Inswing - Saddle Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.59	0.20	0.32	18
	00895-00001	Inswing - Saddle Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.59	0.20	0.32	18
	00896-00001	Inswing - Saddle Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	N		CL	0.53	0.42	0.57	18
	00897-00001	Inswing - Saddle Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.56	0.32	0.43	18
	00898-00001	Inswing - Saddle Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.56	0.32	0.43	18
	00899-00001	Inswing - Saddle Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	N		CL	0.56	0.42	0.57	18
	00900-00001	Inswing - Saddle Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.59	0.32	0.43	18
	00901-00001	Inswing - Saddle Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.59	0.32	0.43	18
	00902-00001	Outswing - Standard Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	N		CL	0.67	0.55	0.58	22
	00903-00001	Outswing - Standard Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.70	0.42	0.43	22
	00904-00001	Outswing - Standard Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.69	0.42	0.43	22
	00905-00001	Outswing - Standard Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	N		CL	0.65	0.55	0.58	22
	00906-00001	Outswing - Standard Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.69	0.43	0.43	22
	00907-00001	Outswing - Standard Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.68	0.43	0.43	22
	00908-00001	Outswing - Standard Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	N		CL	0.51	0.31	0.51	22
	00909-00001	Outswing - Standard Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.57	0.24	0.38	22

NFRC Product Certification Authorization Report

Manufacturer: Nana Wall Systems, Inc. **Product Series:** SL 45 Inward/Outward Opening Door **Simulation Lab:** SATI **Initial Cert. Date:** 05/19/2016

Street: 100 Meadowcreek Drive * Suite 200 **Product Type:** EDSL **Sim. Report #:** T3335.01-116-45 R0 **Re-Certification Date:** 06/04/2026

City/State/Zip: Corte Madera, CA 94925 **Air Leakage:** **Sim. Report Date:** 02/24/2026 **Revised Date:** 01/01/1970

Print Date: 06/04/2026 **Test Date:** 03/25/2026 **Expiration Date:** 09/24/2031

CPD Number: NAN-M-19 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	00910-00001	Outswing - Standard Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.55	0.24	0.38	22
	00911-00001	Outswing - Standard Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	N		CL	0.55	0.31	0.51	22
	00912-00001	Outswing - Standard Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.60	0.24	0.38	22
	00913-00001	Outswing - Standard Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.58	0.24	0.38	22
	00914-00001	Outswing - Standard Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	N		CL	0.51	0.22	0.47	22
	00915-00001	Outswing - Standard Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.57	0.17	0.35	22
	00916-00001	Outswing - Standard Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.54	0.17	0.35	22
	00917-00001	Outswing - Standard Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	N		CL	0.54	0.22	0.47	22
	00918-00001	Outswing - Standard Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.59	0.18	0.35	22
	00919-00001	Outswing - Standard Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.57	0.18	0.35	22
	00920-00001	Outswing - Standard Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.49	0.30	0.50	22
	00921-00001	Outswing - Standard Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.55	0.24	0.37	22
	00922-00001	Outswing - Standard Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.52	0.24	0.37	22
	00923-00001	Outswing - Standard Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.51	0.30	0.50	22
	00924-00001	Outswing - Standard Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.58	0.24	0.37	22
	00925-00001	Outswing - Standard Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.55	0.24	0.37	22
	00926-00001	Outswing - Standard Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.48	0.21	0.46	22

NFRC Product Certification Authorization Report

Manufacturer: Nana Wall Systems, Inc.
Product Series: SL 45 Inward/Outward Opening Door
Simulation Lab: SATI
Initial Cert. Date: 05/19/2016

Street: 100 Meadowcreek Drive * Suite 200
Product Type: EDSL
Sim. Report #: T3335.01-116-45 R0
Re-Certification Date: 06/04/2026

City/State/Zip: Corte Madera, CA 94925
Air Leakage:
Sim. Report Date: 02/24/2026
Revised Date: 01/01/1970

Print Date: 06/04/2026
Test Date: 03/25/2026
Expiration Date: 09/24/2031

CPD Number: NAN-M-19 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	00927-00001	Outswing - Standard Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.55	0.17	0.34	22
	00928-00001	Outswing - Standard Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.52	0.17	0.34	22
	00929-00001	Outswing - Standard Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.51	0.22	0.46	22
	00930-00001	Outswing - Standard Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.57	0.17	0.34	22
	00931-00001	Outswing - Standard Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.54	0.17	0.34	22
	00932-00001	Outswing - Standard Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.52	0.19	0.37	22
	00933-00001	Outswing - Standard Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.58	0.15	0.28	22
	00934-00001	Outswing - Standard Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.55	0.15	0.28	22
	00935-00001	Outswing - Standard Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.55	0.19	0.37	22
	00936-00001	Outswing - Standard Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.61	0.16	0.28	22
	00937-00001	Outswing - Standard Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.59	0.16	0.28	22
	00938-00001	Outswing - Standard Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	N		CL	0.48	0.18	0.36	22
	00939-00001	Outswing - Standard Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.54	0.15	0.27	22
	00940-00001	Outswing - Standard Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.51	0.15	0.27	22
	00941-00001	Outswing - Standard Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	N		CL	0.50	0.19	0.36	22
	00942-00001	Outswing - Standard Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.57	0.15	0.27	22
	00943-00001	Outswing - Standard Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.54	0.15	0.27	22

NFRC Product Certification Authorization Report

Manufacturer: Nana Wall Systems, Inc.
Product Series: SL 45 Inward/Outward Opening Door
Simulation Lab: SATI
Initial Cert. Date: 05/19/2016

Street: 100 Meadowcreek Drive * Suite 200
Product Type: EDSL
Sim. Report #: T3335.01-116-45 R0
Re-Certification Date: 06/04/2026

City/State/Zip: Corte Madera, CA 94925
Air Leakage:
Sim. Report Date: 02/24/2026
Revised Date: 01/01/1970

Print Date: 06/04/2026
Test Date: 03/25/2026
Expiration Date: 09/24/2031

CPD Number: NAN-M-19 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	00944-00001	Outswing - Standard Sill: E366 / VIG / Clear (5mm/5mm) - 3/8 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.41	0.21	0.46	
	00945-00001	Outswing - Standard Sill: E366 / VIG / Clear (5mm/5mm) - 3/8 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.46	0.17	0.34	
	00946-00001	Outswing - Standard Sill: E366 / VIG / Clear (4mm/4mm) - 5/16 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.41	0.21	0.46	
	00947-00001	Outswing - Standard Sill: E366 / VIG / Clear (4mm/4mm) - 5/16 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.46	0.17	0.34	
	00948-00001	Outswing - Standard Sill: E366 / VIG / Clear (3mm/3mm) - 1/4 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.41	0.21	0.46	
	00949-00001	Outswing - Standard Sill: E366 / VIG / Clear (3mm/3mm) - 1/4 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.46	0.17	0.35	
	00950-00001	Outswing - Standard Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.48	0.20	0.41	22
	00951-00001	Outswing - Standard Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	W	1.50	CL	0.53	0.16	0.31	22
	00952-00001	Outswing - Standard Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	T	1.50	CL	0.52	0.16	0.31	22
	00953-00001	Outswing - Standard Sill: Clear-Lami (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1			N		N		CL	1.02	0.60	0.64	22
	00954-00001	Outswing - Standard Sill: Clear-Lami (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1			N		T	1.50	CL	1.04	0.46	0.47	22
	00955-00001	Outswing - Standard Sill: Clear-Lami-IS-20 (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1	0.198(2)		N		N		CL	0.78	0.55	0.61	16
	00956-00001	Outswing - Standard Sill: Clear-Lami-IS-20 (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1	0.198(2)		N		T	1.50	CL	0.82	0.42	0.46	16
	00957-00001	Outswing - Standard Sill: Clear (6mm) - 1/4 IG	AN/AN	1			N		N		CL	1.04	0.62	0.64	22
	00958-00001	Outswing - Standard Sill: Clear (6mm) - 1/4 IG	AN/AN	1			N		T	1.50	CL	1.05	0.48	0.47	22

NFRC Product Certification Authorization Report

Manufacturer: Nana Wall Systems, Inc.
Street: 100 Meadowcreek Drive * Suite 200
City/State/Zip: Corte Madera, CA 94925
Print Date: 06/04/2026

Product Series: SL 45 Inward/Outward Opening Door
Product Type: EDSL
Air Leakage:

Simulation Lab: SATI
Sim. Report #: T3335.01-116-45 R0
Sim. Report Date: 02/24/2026
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CPD Number: NAN-M-19 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	00959-00001	Outswing - Standard Sill: IS-20 (6mm) - 1/4 IG	AN/AN	1	0.198(2)		N		N		CL	0.79	0.57	0.62	15
	00960-00001	Outswing - Standard Sill: IS-20 (6mm) - 1/4 IG	AN/AN	1	0.198(2)		N		T	1.50	CL	0.82	0.44	0.46	15
	00961-00001	Outswing - Standard Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	N		CL	0.51	0.26	0.50	22
	00962-00001	Outswing - Standard Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.54	0.21	0.38	22
	00963-00001	Outswing - Standard Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.54	0.21	0.38	22
	00964-00001	Outswing - Standard Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	N		CL	0.54	0.27	0.50	22
	00965-00001	Outswing - Standard Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.57	0.21	0.38	22
	00966-00001	Outswing - Standard Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.57	0.21	0.38	22
	00967-00001	Outswing - Standard Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	N		CL	0.51	0.25	0.44	22
	00968-00001	Outswing - Standard Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.54	0.20	0.33	22
	00969-00001	Outswing - Standard Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.54	0.20	0.33	22
	00970-00001	Outswing - Standard Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	N		CL	0.54	0.25	0.44	22
	00971-00001	Outswing - Standard Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.58	0.20	0.33	22
	00972-00001	Outswing - Standard Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.58	0.20	0.33	22
	00973-00001	Outswing - Standard Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	N		CL	0.52	0.42	0.57	22
	00974-00001	Outswing - Standard Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.55	0.33	0.43	22

NFRC Product Certification Authorization Report

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Product Series: SL 45 Inward/Outward Opening Door
Product Type: EDSL
Air Leakage:

Simulation Lab: SATI
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CPD Number: NAN-M-19 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	00975-00001	Outswing - Standard Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.55	0.33	0.43	22
	00976-00001	Outswing - Standard Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	N		CL	0.55	0.42	0.57	22
	00977-00001	Outswing - Standard Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.57	0.33	0.43	22
	00978-00001	Outswing - Standard Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.58	0.33	0.43	22
	00979-00001	Outswing - Saddle Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	N		CL	0.68	0.55	0.57	22
	00980-00001	Outswing - Saddle Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.71	0.42	0.43	22
	00981-00001	Outswing - Saddle Sill: Clear / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.70	0.42	0.43	22
	00982-00001	Outswing - Saddle Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	N		CL	0.66	0.55	0.57	22
	00983-00001	Outswing - Saddle Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.70	0.42	0.43	22
	00984-00001	Outswing - Saddle Sill: Clear / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2		0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.69	0.42	0.43	22
	00985-00001	Outswing - Saddle Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	N		CL	0.53	0.30	0.51	22
	00986-00001	Outswing - Saddle Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.58	0.24	0.38	22
	00987-00001	Outswing - Saddle Sill: SB60 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.56	0.24	0.38	22
	00988-00001	Outswing - Saddle Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	N		CL	0.56	0.31	0.51	22
	00989-00001	Outswing - Saddle Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.61	0.24	0.38	22

NFRC Product Certification Authorization Report

Manufacturer: Nana Wall Systems, Inc.
Product Series: SL 45 Inward/Outward Opening Door
Simulation Lab: SATI
Initial Cert. Date: 05/19/2016

Street: 100 Meadowcreek Drive * Suite 200
Product Type: EDSL
Sim. Report #: T3335.01-116-45 R0
Re-Certification Date: 06/04/2026

City/State/Zip: Corte Madera, CA 94925
Air Leakage:
Sim. Report Date: 02/24/2026
Revised Date: 01/01/1970

Print Date: 06/04/2026
Test Date: 03/25/2026
Expiration Date: 09/24/2031

CPD Number: NAN-M-19 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	00990-00001	Outswing - Saddle Sill: SB60 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.035(2)	0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.59	0.24	0.38	22
	00991-00001	Outswing - Saddle Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	N		CL	0.52	0.22	0.47	22
	00992-00001	Outswing - Saddle Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.58	0.17	0.35	22
	00993-00001	Outswing - Saddle Sill: SB70 / arg / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.56	0.17	0.35	22
	00994-00001	Outswing - Saddle Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	N		CL	0.55	0.22	0.47	22
	00995-00001	Outswing - Saddle Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.60	0.18	0.35	22
	00996-00001	Outswing - Saddle Sill: SB70 / air / Clear (4mm/4mm) - 13/16 IG	AN/AN	2	0.018(2)	0.500	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.59	0.18	0.35	22
	00997-00001	Outswing - Saddle Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.50	0.30	0.50	22
	00998-00001	Outswing - Saddle Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.56	0.23	0.37	22
	00999-00001	Outswing - Saddle Sill: SB60 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.53	0.23	0.37	22
	01000-00001	Outswing - Saddle Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.52	0.30	0.50	22
	01001-00001	Outswing - Saddle Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.59	0.24	0.37	22
	01002-00001	Outswing - Saddle Sill: SB60 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.035(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.56	0.24	0.37	22
	01003-00001	Outswing - Saddle Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.49	0.21	0.45	22
	01004-00001	Outswing - Saddle Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.56	0.17	0.34	22
	01005-00001	Outswing - Saddle Sill: SB70 / arg / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.53	0.17	0.34	22
	01006-00001	Outswing - Saddle Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.52	0.21	0.45	22

NFRC Product Certification Authorization Report

Manufacturer: Nana Wall Systems, Inc. **Product Series:** SL 45 Inward/Outward Opening Door **Simulation Lab:** SATI **Initial Cert. Date:** 05/19/2016

Street: 100 Meadowcreek Drive * Suite 200 **Product Type:** EDSL **Sim. Report #:** T3335.01-116-45 R0 **Re-Certification Date:** 06/04/2026

City/State/Zip: Corte Madera, CA 94925 **Air Leakage:** **Sim. Report Date:** 02/24/2026 **Revised Date:** 01/01/1970

Print Date: 06/04/2026 **Test Date:** 03/25/2026 **Expiration Date:** 09/24/2031

CPD Number: NAN-M-19 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	01007-00001	Outswing - Saddle Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.59	0.17	0.34	22
	01008-00001	Outswing - Saddle Sill: SB70 / air / IS-20 (4mm/5mm) - 3/4 IG	AN/AN	2	0.018(2), 0.198(4)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.56	0.17	0.34	22
	01009-00001	Outswing - Saddle Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	N		CL	0.53	0.19	0.37	22
	01010-00001	Outswing - Saddle Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.59	0.15	0.28	22
	01011-00001	Outswing - Saddle Sill: SB90 / arg / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.56	0.15	0.28	22
	01012-00001	Outswing - Saddle Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	N		CL	0.57	0.19	0.37	22
	01013-00001	Outswing - Saddle Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.62	0.16	0.28	22
	01014-00001	Outswing - Saddle Sill: SB90 / air / Clear (5mm/4mm) - 3/4 IG	AN/AN	2	0.023(2)	0.406	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.60	0.16	0.28	22
	01015-00001	Outswing - Saddle Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	N		CL	0.49	0.18	0.36	22
	01016-00001	Outswing - Saddle Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	W	1.50	CL	0.56	0.15	0.27	22
	01017-00001	Outswing - Saddle Sill: SB90 / arg / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: ARG (90)	T	1.50	CL	0.52	0.15	0.27	22
	01018-00001	Outswing - Saddle Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	N		CL	0.51	0.18	0.36	22
	01019-00001	Outswing - Saddle Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	W	1.50	CL	0.58	0.15	0.27	22
	01020-00001	Outswing - Saddle Sill: SB90 / air / IS-20 (5mm/5mm) - 13/16 IG	AN/AN	2	0.023(2), 0.198(4)	0.438	TS-D	Fill 1: AIR (100)	T	1.50	CL	0.55	0.15	0.27	22
	01021-00001	Outswing - Saddle Sill: E366 / VIG / Clear (5mm/5mm) - 3/8 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.43	0.21	0.45	
	01022-00001	Outswing - Saddle Sill: E366 / VIG / Clear (5mm/5mm) - 3/8 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.48	0.17	0.34	
	01023-00001	Outswing - Saddle Sill: E366 / VIG / Clear (4mm/4mm) - 5/16 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.43	0.21	0.46	

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City/State/Zip: Corte Madera, CA 94925 **Air Leakage:** **Sim. Report Date:** 02/24/2026 **Revised Date:** 01/01/1970

Print Date: 06/04/2026 **Test Date:** 03/25/2026 **Expiration Date:** 09/24/2031

CPD Number: NAN-M-19 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	01024-00001	Outswing - Saddle Sill: E366 / VIG / Clear (4mm/4mm) - 5/16 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.48	0.17	0.34	
	01025-00001	Outswing - Saddle Sill: E366 / VIG / Clear (3mm/3mm) - 1/4 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	N		CL	0.43	0.21	0.46	
	01026-00001	Outswing - Saddle Sill: E366 / VIG / Clear (3mm/3mm) - 1/4 IG	AN/AN	2	0.02(2)	0.010	GL-S	Fill 1: VIG (50/C25/1)	T	1.50	CL	0.48	0.17	0.34	
	01027-00001	Outswing - Saddle Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	N		CL	0.49	0.20	0.41	22
	01028-00001	Outswing - Saddle Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	W	1.50	CL	0.54	0.16	0.31	22
	01029-00001	Outswing - Saddle Sill: E366 / arg / Thin-Clear / arg / E180 (4mm/0.5mm/4mm) - 13/16 IG	AN/AN	3	0.02(2), 0.068(5)	0.250,0.250	TP-S	Fill 1: ARG (90),Fill 2: ARG (90)	T	1.50	CL	0.53	0.16	0.31	22
	01030-00001	Outswing - Saddle Sill: Clear-Lami (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1			N		N		CL	1.03	0.60	0.63	22
	01031-00001	Outswing - Saddle Sill: Clear-Lami (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1			N		T	1.50	CL	1.05	0.46	0.47	22
	01032-00001	Outswing - Saddle Sill: Clear-Lami-IS-20 (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1	0.198(2)		N		N		CL	0.80	0.55	0.61	16
	01033-00001	Outswing - Saddle Sill: Clear-Lami-IS-20 (3mm|030PVB|3mm) - 1/4 IG	AN/AN	1	0.198(2)		N		T	1.50	CL	0.83	0.42	0.46	16
	01034-00001	Outswing - Saddle Sill: Clear (6mm) - 1/4 IG	AN/AN	1			N		N		CL	1.05	0.62	0.63	22
	01035-00001	Outswing - Saddle Sill: Clear (6mm) - 1/4 IG	AN/AN	1			N		T	1.50	CL	1.06	0.47	0.47	22
	01036-00001	Outswing - Saddle Sill: IS-20 (6mm) - 1/4 IG	AN/AN	1	0.198(2)		N		N		CL	0.80	0.57	0.62	15
	01037-00001	Outswing - Saddle Sill: IS-20 (6mm) - 1/4 IG	AN/AN	1	0.198(2)		N		T	1.50	CL	0.83	0.44	0.46	15
	01038-00001	Outswing - Saddle Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	N		CL	0.52	0.26	0.50	22

NFRC Product Certification Authorization Report

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Product Series: SL 45 Inward/Outward Opening Door
Product Type: EDSL
Air Leakage:

Simulation Lab: SATI
Sim. Report #: T3335.01-116-45 R0
Sim. Report Date: 02/24/2026
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CPD Number: NAN-M-19 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	01039-00001	Outswing - Saddle Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.55	0.21	0.37	22
	01040-00001	Outswing - Saddle Sill: SKN 176 / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.56	0.21	0.37	22
	01041-00001	Outswing - Saddle Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	N		CL	0.55	0.27	0.50	22
	01042-00001	Outswing - Saddle Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.58	0.21	0.37	22
	01043-00001	Outswing - Saddle Sill: SKN 176 / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.024(2)	0.500	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.59	0.21	0.37	22
	01044-00001	Outswing - Saddle Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	N		CL	0.52	0.25	0.43	22
	01045-00001	Outswing - Saddle Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.55	0.20	0.32	22
	01046-00001	Outswing - Saddle Sill: SKN 165 / arg / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.55	0.20	0.32	22
	01047-00001	Outswing - Saddle Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	N		CL	0.56	0.25	0.43	22
	01048-00001	Outswing - Saddle Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.59	0.20	0.32	22
	01049-00001	Outswing - Saddle Sill: SKN 165 / air / Planiclear (6mm/4mm) - 13/16 IG	AN/AN	2	0.019(2)	0.438	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.59	0.20	0.32	22
	01050-00001	Outswing - Saddle Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	N		CL	0.53	0.42	0.57	22
	01051-00001	Outswing - Saddle Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	W	1.50	CL	0.56	0.32	0.43	22
	01052-00001	Outswing - Saddle Sill: Planitherm Ultra N / arg / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: ARG (90)	T	1.50	CL	0.56	0.32	0.43	22
	01053-00001	Outswing - Saddle Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	N		CL	0.56	0.42	0.57	22

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Simulation Lab: SATI
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CPD Number: NAN-M-19 **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Index
	01054-00001	Outswing - Saddle Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	W	1.50	CL	0.59	0.32	0.43	22
	01055-00001	Outswing - Saddle Sill: Planitherm Ultra N / air / Planiclear (4mm/4mm) - 13/16 IG	AN/AN	2	0.047(2)	0.500	TP-D	Fill 1: AIR (100)	T	1.50	CL	0.59	0.32	0.43	22

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATF	**03/25/2026**	959mm x 2086mm	0.472	0.447	T3336.01-301-46

Comments:

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: