NFRC Product Certification Authorization Report

Manufacturer: Palm City Ironworks
Street: NO.6 Kunmei Road * Fengshan District
City/State/Zip: Zhangzhou, Fujian 363801
Print Date: 06/09/2026

Product Series: Milano Swing Door Non-TB
Product Type: EDSL
Air Leakage:

Simulation Lab: SATI
Sim. Report #: R2716.01-116-45 R1
Sim. Report Date: 02/04/2026
Test Date: 12/03/2024

Initial Cert. Date: 06/09/2026
Re-Certification Date:
Revised Date: 01/01/1970
Expiration Date: 12/03/2029

CPD Number: PCI-M-4 — **IA: National Accreditation And Management Institute**

Status	Product Num.	Manufacturer Code	Frame/ Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res
	00001-00001	clr / air / clr (5mm/5mm) 25mm IG	SN/SN	2		0.630	A1-D	Fill 1: AIR (100)	N		CL	0.61	0.59	0.64	41
	00002-00001	clr / air / clr (5mm/5mm) 25mm IG	SN/SN	2		0.630	A1-D	Fill 1: AIR (100)	G	0.75	CL	0.70	0.52	0.56	35
	00003-00001	SN68 (#2) / air / clr (5mm/5mm) 25mm IG	SN/SN	2	0.039(2)	0.630	A1-D	Fill 1: AIR (100)	N		CL	0.49	0.32	0.55	49
	00004-00001	SN68 (#2) / air / clr (5mm/5mm) 25mm IG	SN/SN	2	0.039(2)	0.630	A1-D	Fill 1: AIR (100)	G	0.75	CL	0.60	0.28	0.48	41
	00005-00001	SB60 (#2) / air / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	A1-D	Fill 1: AIR (100)	N		CL	0.49	0.33	0.57	49
	00006-00001	SB60 (#2) / air / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	A1-D	Fill 1: AIR (100)	G	0.75	CL	0.60	0.29	0.50	42
	00007-00001	SN68 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.039(2)	0.630	A1-D	Fill 1: ARG (95)	N		CL	0.45	0.31	0.55	52
	00008-00001	SN68 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.039(2)	0.630	A1-D	Fill 1: ARG (95)	G	0.75	CL	0.57	0.28	0.48	43
	00009-00001	SB60 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	A1-D	Fill 1: ARG (95)	N		CL	0.45	0.33	0.57	52
	00010-00001	SB60 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	A1-D	Fill 1: ARG (95)	G	0.75	CL	0.57	0.29	0.50	43
	00011-00001	E340 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.028(2)	0.630	A1-D	Fill 1: ARG (95)	N		CL	0.45	0.16	0.31	52
	00012-00001	E340 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.028(2)	0.630	A1-D	Fill 1: ARG (95)	G	0.75	CL	0.57	0.14	0.27	43
	00013-00001	E366 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.02(2)	0.630	A1-D	Fill 1: ARG (90)	N		CL	0.45	0.23	0.51	52
	00014-00001	E366 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.02(2)	0.630	A1-D	Fill 1: ARG (90)	G	0.75	CL	0.57	0.21	0.45	43
	00015-00001	E270 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	A1-D	Fill 1: ARG (90)	N		CL	0.45	0.30	0.55	52
	00016-00001	E270 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	A1-D	Fill 1: ARG (90)	G	0.75	CL	0.57	0.27	0.48	43
	00017-00001	E272 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.042(2)	0.630	A1-D	Fill 1: ARG (90)	N		CL	0.45	0.34	0.57	52

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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
	00018-00001	E272 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.042(2)	0.630	A1-D	Fill 1: ARG (90)	G	0.75	CL	0.57	0.30	0.50	43
	00019-00001	E366 (#2) / arg90 / i89 (#4) (5mm/5mm) 25mm IG	SN/SN	2	0.02(2), 0.149(4)	0.630	A1-D	Fill 1: ARG (90)	N		CL	0.39	0.23	0.50	42
	00020-00001	E366 (#2) / arg90 / i89 (#4) (5mm/5mm) 25mm IG	SN/SN	2	0.02(2), 0.149(4)	0.630	A1-D	Fill 1: ARG (90)	G	0.75	CL	0.47	0.20	0.44	32
	00021-00001	SB70 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.018(2)	0.630	A1-D	Fill 1: ARG (90)	N		CL	0.45	0.23	0.52	52
	00022-00001	SB70 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.018(2)	0.630	A1-D	Fill 1: ARG (90)	G	0.75	CL	0.57	0.20	0.46	43
	00023-00001	SB72 (#2) / arg90 / clr (6mm/5mm) 26mm IG	SN/SN	2	0.018(2)	0.630	A1-D	Fill 1: ARG (90)	N		CL	0.45	0.23	0.54	51
	00024-00001	SB72 (#2) / arg90 / clr (6mm/5mm) 26mm IG	SN/SN	2	0.018(2)	0.630	A1-D	Fill 1: ARG (90)	G	0.75	CL	0.57	0.21	0.47	43
	00025-00001	Lami / arg95 / clr (5mm|090PVB| 5mm/5mm) 23mm IG	SN/SN	2		0.276	A1-D	Fill 1: ARG (95)	N		CL	0.61	0.54	0.63	43
	00026-00001	SB60 (#2)-Lami / arg95 / clr (5mm| 090PVB|5mm/5mm) 23mm IG	SN/SN	2		0.276	A1-D	Fill 1: ARG (95)	N		CL	0.61	0.31	0.52	43
	00027-00001	SB70 (#2)-Lami / arg95 / clr (5mm| 090PVB|5mm/5mm) 23mm IG	SN/SN	2		0.276	A1-D	Fill 1: ARG (95)	N		CL	0.61	0.24	0.47	43
	00028-00001	E366 (#2)-Lami / arg95 / clr (5mm| 090PVB|5mm/5mm) 23mm IG	SN/SN	2		0.276	A1-D	Fill 1: ARG (95)	N		CL	0.61	0.24	0.44	43
	00029-00001	clr / air / clr (5mm/5mm) 25mm IG	SN/SN	2		0.630	TP-D	Fill 1: AIR (100)	N		CL	0.61	0.59	0.64	16
	00030-00001	clr / air / clr (5mm/5mm) 25mm IG	SN/SN	2		0.630	TP-D	Fill 1: AIR (100)	G	0.75	CL	0.69	0.52	0.56	16
	00031-00001	SN68 (#2) / air / clr (5mm/5mm) 25mm IG	SN/SN	2	0.039(2)	0.630	TP-D	Fill 1: AIR (100)	N		CL	0.48	0.32	0.55	17
	00032-00001	SN68 (#2) / air / clr (5mm/5mm) 25mm IG	SN/SN	2	0.039(2)	0.630	TP-D	Fill 1: AIR (100)	G	0.75	CL	0.60	0.28	0.48	17
	00033-00001	SB60 (#2) / air / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	TP-D	Fill 1: AIR (100)	N		CL	0.48	0.33	0.57	17
	00034-00001	SB60 (#2) / air / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	TP-D	Fill 1: AIR (100)	G	0.75	CL	0.59	0.29	0.50	17
	00035-00001	SN68 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.039(2)	0.630	TP-D	Fill 1: ARG (95)	N		CL	0.45	0.31	0.55	17

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	00036-00001	SN68 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.039(2)	0.630	TP-D	Fill 1: ARG (95)	G	0.75	CL	0.57	0.28	0.48	17
	00037-00001	SB60 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	TP-D	Fill 1: ARG (95)	N		CL	0.44	0.33	0.57	17
	00038-00001	SB60 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	TP-D	Fill 1: ARG (95)	G	0.75	CL	0.57	0.29	0.50	17
	00039-00001	E340 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.028(2)	0.630	TP-D	Fill 1: ARG (95)	N		CL	0.44	0.16	0.31	17
	00040-00001	E340 (#2) / arg95 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.028(2)	0.630	TP-D	Fill 1: ARG (95)	G	0.75	CL	0.57	0.14	0.27	17
	00041-00001	E366 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.02(2)	0.630	TP-D	Fill 1: ARG (90)	N		CL	0.44	0.23	0.51	17
	00042-00001	E366 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.02(2)	0.630	TP-D	Fill 1: ARG (90)	G	0.75	CL	0.57	0.21	0.45	17
	00043-00001	E270 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	TP-D	Fill 1: ARG (90)	N		CL	0.45	0.30	0.55	17
	00044-00001	E270 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.035(2)	0.630	TP-D	Fill 1: ARG (90)	G	0.75	CL	0.57	0.27	0.48	17
	00045-00001	E272 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.042(2)	0.630	TP-D	Fill 1: ARG (90)	N		CL	0.45	0.34	0.57	17
	00046-00001	E272 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.042(2)	0.630	TP-D	Fill 1: ARG (90)	G	0.75	CL	0.57	0.30	0.50	17
	00047-00001	E366 (#2) / arg90 / i89 (#4) (5mm/5mm) 25mm IG	SN/SN	2	0.02(2), 0.149(4)	0.630	TP-D	Fill 1: ARG (90)	N		CL	0.39	0.23	0.50	16
	00048-00001	E366 (#2) / arg90 / i89 (#4) (5mm/5mm) 25mm IG	SN/SN	2	0.02(2), 0.149(4)	0.630	TP-D	Fill 1: ARG (90)	G	0.75	CL	0.47	0.20	0.44	16
	00049-00001	SB70 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.018(2)	0.630	TP-D	Fill 1: ARG (90)	N		CL	0.44	0.23	0.52	17
	00050-00001	SB70 (#2) / arg90 / clr (5mm/5mm) 25mm IG	SN/SN	2	0.018(2)	0.630	TP-D	Fill 1: ARG (90)	G	0.75	CL	0.57	0.20	0.46	17
	00051-00001	SB72 (#2) / arg90 / clr (6mm/5mm) 26mm IG	SN/SN	2	0.018(2)	0.630	TP-D	Fill 1: ARG (90)	N		CL	0.44	0.23	0.54	17
	00052-00001	SB72 (#2) / arg90 / clr (6mm/5mm) 26mm IG	SN/SN	2	0.018(2)	0.630	TP-D	Fill 1: ARG (90)	G	0.75	CL	0.57	0.21	0.47	17

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	00053-00001	Lami / arg95 / clr (5mm|090PVB| 5mm/5mm) 23mm IG	SN/SN	2		0.276	TP-D	Fill 1: ARG (95)	N		CL	0.61	0.54	0.63	16
	00054-00001	SB60 (#2)-Lami / arg95 / clr (5mm| 090PVB|5mm/5mm) 23mm IG	SN/SN	2		0.276	TP-D	Fill 1: ARG (95)	N		CL	0.61	0.31	0.52	16
	00055-00001	SB70 (#2)-Lami / arg95 / clr (5mm| 090PVB|5mm/5mm) 23mm IG	SN/SN	2		0.276	TP-D	Fill 1: ARG (95)	N		CL	0.61	0.24	0.47	16
	00056-00001	E366 (#2)-Lami / arg95 / clr (5mm| 090PVB|5mm/5mm) 23mm IG	SN/SN	2		0.276	TP-D	Fill 1: ARG (95)	N		CL	0.61	0.24	0.44	16
	00057-00001	SB72 (#2) / arg95 / clr (6mm/6mm) 27mm IG	SN/SN	2	0.018(2)	0.630	A1-D	Fill 1: ARG (95)	N		CL	0.44	0.23	0.53	17
	00058-00001	SB72 (#2) / arg95 / clr (6mm/6mm) 27mm IG	SN/SN	2	0.018(2)	0.630	A1-D	Fill 1: ARG (95)	G	0.75	CL	0.57	0.21	0.47	17
	00059-00001	SB72 (#2) / arg95 / Lami (6mm/6mm| 090PVB|6mm) 26mm IG	SN/SN	2	0.018(2)	0.276	TP-D	Fill 1: ARG (95)	N		CL	0.47	0.23	0.52	17
	00060-00001	SB72 (#2) / arg95 / Lami (6mm/6mm| 090PVB|6mm) 26mm IG	SN/SN	2	0.018(2)	0.276	TP-D	Fill 1: ARG (95)	G	0.75	CL	0.57	0.21	0.46	17
	00061-00001	SB72 (#2) / arg95 / Lami (6mm/6mm| 090PVB|6mm) 26mm IG	SN/SN	2	0.018(2)	0.276	A1-D	Fill 1: ARG (95)	N		CL	0.48	0.23	0.52	17
	00062-00001	SB72 (#2) / arg95 / Lami (6mm/6mm| 090PVB|6mm) 26mm IG	SN/SN	2	0.018(2)	0.276	TP-D	Fill 1: ARG (95)	N		CL	0.48	0.23	0.52	17

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATI	**12/03/2024**	959mm x 2089mm	0.506	0.488	R2717.01-116-46

Comments: N/A

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: