

NFRC Product Certification Authorization Report



Manufacturer: Merrill Millwork, Inc. **Product Series:** Park-View Aluminum Clad Inswing Door **Simulation Lab:** SQCT **Initial Cert. Date:** 08/27/1998
Street: 1300 W. Taylor St. **Product Type:** EDSL **Sim. Report #:** QCT-SIM-10423.01 **Re-Certification Date:** 08/21/2015
City/State/Zip: Merrill, WI 54452 **Air Leakage:** **Sim. Report Date:** 06/30/2015 **Revised Date:** **Expiration Date:** 06/21/2019
Print Date: 08/21/2015 **Test Date:** 08/06/2015

CPD Number: MMI-M-107															IA: National Accreditation And Management Institute
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00048-00001	3mm 270 AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.22	0.41	56
	00048-00002	3mm 270 AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.20	0.35	56
	00049-00001	3mm 270 ARG 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.22	0.41	60
	00049-00002	3mm 270 ARG 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.19	0.35	60
	00050-00001	3mm 366 AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.17	0.38	57
	00050-00002	3mm 366 AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.15	0.32	57
	00051-00001	3mm 366 ARG 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.17	0.38	60
	00051-00002	3mm 366 ARG 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.15	0.32	60
	00052-00001	3mm 270 AIR 3mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.30	0.22	0.40	44
	00052-00002	3mm 270 AIR 3mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.19	0.34	44
	00053-00001	3mm 270 ARG 3mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.22	0.40	47
	00053-00002	3mm 270 ARG 3mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.19	0.34	47
	00054-00001	4mm 270 AIR 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.22	0.41	55
	00054-00002	4mm 270 AIR 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.19	0.35	55
	00055-00001	4mm 270 ARG 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.22	0.41	59
	00055-00002	4mm 270 ARG 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.19	0.35	59
	00056-00001	4mm 366 AIR 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.17	0.38	56

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CPD Number: MMI-M-107 IA: National Accreditation And Management Institute

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00056-00002	4mm 366 AIR 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.15	0.32	56
	00057-00001	4mm 366 ARG 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.17	0.38	59
	00057-00002	4mm 366 ARG 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.15	0.32	59
	00058-00001	4mm 270 AIR 4mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.30	0.22	0.40	43
	00058-00002	4mm 270 AIR 4mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.19	0.34	43
	00059-00001	4mm 270 ARG 4mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.21	0.40	46
	00059-00002	4mm 270 ARG 4mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.19	0.34	46
	00060-00001	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.38	0.36	0.41	52
	00060-00002	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.38	0.31	0.35	52
	00061-00001	3mm 270 AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.22	0.40	56
	00061-00002	3mm 270 AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.19	0.34	56
	00062-00001	3mm 270 ARG 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.32	0.22	0.40	60
	00062-00002	3mm 270 ARG 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.19	0.34	60
	00063-00001	3mm 366 AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.16	0.37	57
	00063-00002	3mm 366 AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.14	0.31	57
	00064-00001	3mm 366 ARG 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.16	0.37	60
	00064-00002	3mm 366 ARG 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.14	0.31	60

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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.	
	00065-00001	3mm 270 AIR 3mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.30	0.21	0.39	44	
	00065-00002	3mm 270 AIR 3mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.19	0.33	44	
	00066-00001	3mm 270 ARG 3mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.21	0.39	47	
	00066-00002	3mm 270 ARG 3mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.18	0.33	47	
	00067-00001	4mm 270 AIR 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.22	0.39	55	
	00067-00002	4mm 270 AIR 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.19	0.34	55	
	00068-00001	4mm 270 ARG 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.21	0.39	59	
	00068-00002	4mm 270 ARG 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.19	0.34	59	
	00069-00001	4mm 366 AIR 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.17	0.36	56	
	00069-00002	4mm 366 AIR 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.15	0.31	56	
	00070-00001	4mm 366 ARG 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.16	0.36	59	
	00070-00002	4mm 366 ARG 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.14	0.31	59	
	00071-00001	4mm 270 AIR 4mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.31	0.21	0.38	43	
	00071-00002	4mm 270 AIR 4mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.31	0.18	0.33	43	
	00072-00001	4mm 270 ARG 4mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.21	0.38	46	
	00072-00002	4mm 270 ARG 4mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.18	0.33	46	
	00073-00001	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.38	0.35	0.40	52	

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	00073-00002	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100), Fill 2: AIR (100)	G	0.75	CL	0.38	0.30	0.34	52
	00074-00001	3mm 270 AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.21	0.39	56
	00074-00002	3mm 270 AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.19	0.33	56
	00075-00001	3mm 270 ARG 3mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.32	0.21	0.39	60
	00075-00002	3mm 270 ARG 3mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.18	0.33	60
	00076-00001	3mm 366 AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.16	0.36	57
	00076-00002	3mm 366 AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.14	0.31	57
	00077-00001	3mm 366 ARG 3mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.16	0.36	60
	00077-00002	3mm 366 ARG 3mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.14	0.31	60
	00078-00001	3mm 270 AIR 3mm i89 - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.30	0.21	0.38	44
	00078-00002	3mm 270 AIR 3mm i89 - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.18	0.32	44
	00079-00001	3mm 270 ARG 3mm i89 - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.21	0.38	47
	00079-00002	3mm 270 ARG 3mm i89 - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.18	0.32	47
	00080-00001	4mm 270 AIR 4mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.21	0.38	55
	00080-00002	4mm 270 AIR 4mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.18	0.33	55
	00081-00001	4mm 270 ARG 4mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.32	0.21	0.38	59
	00081-00002	4mm 270 ARG 4mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.18	0.33	59

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	00082-00001	4mm 366 AIR 4mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.16	0.36	56	
	00082-00002	4mm 366 AIR 4mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.14	0.30	56	
	00083-00001	4mm 366 ARG 4mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.16	0.36	59	
	00083-00002	4mm 366 ARG 4mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.14	0.30	59	
	00084-00001	4mm 270 AIR 4mm i89 - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.31	0.21	0.37	43	
	00084-00002	4mm 270 AIR 4mm i89 - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.31	0.18	0.32	43	
	00085-00001	4mm 270 ARG 4mm i89 - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.20	0.37	46	
	00085-00002	4mm 270 ARG 4mm i89 - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.18	0.32	46	
	00086-00001	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.38	0.34	0.39	52	
	00086-00002	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.38	0.30	0.33	52	
	00087-00001	3mm 270 AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.23	0.41	56	
	00087-00002	3mm 270 AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.20	0.35	56	
	00088-00001	3mm 270 ARG 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.32	0.22	0.41	59	
	00088-00002	3mm 270 ARG 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.20	0.35	59	
	00089-00001	3mm 366 AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.17	0.38	57	
	00089-00002	3mm 366 AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.15	0.33	57	
	00090-00001	3mm 366 ARG 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.17	0.38	59	

NFRC Product Certification Authorization Report



Manufacturer: Merrill Millwork, Inc. **Product Series:** Park-View Aluminum Clad Inswing Door **Simulation Lab:** SQCT **Initial Cert. Date:** 08/27/1998
Street: 1300 W. Taylor St. **Product Type:** EDSL **Sim. Report #:** QCT-SIM-10423.01 **Re-Certification Date:** 08/21/2015
City/State/Zip: Merrill, WI 54452 **Air Leakage:** **Sim. Report Date:** 06/30/2015 **Revised Date:** **Expiration Date:** 06/21/2019
Print Date: 08/21/2015 **Test Date:** 08/06/2015

CPD Number: MMI-M-107															IA: National Accreditation And Management Institute	
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Llys	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00090-00002	3mm 366 ARG 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.15	0.33	59	
	00091-00001	3mm 270 AIR 3mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.30	0.22	0.40	44	
	00091-00002	3mm 270 AIR 3mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.19	0.35	44	
	00092-00001	3mm 270 ARG 3mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.22	0.40	47	
	00092-00002	3mm 270 ARG 3mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.19	0.35	47	
	00093-00001	4mm 270 AIR 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.35	0.22	0.41	55	
	00093-00002	4mm 270 AIR 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.35	0.19	0.35	55	
	00094-00001	4mm 270 ARG 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.22	0.41	59	
	00094-00002	4mm 270 ARG 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.19	0.35	59	
	00095-00001	4mm 366 AIR 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.17	0.38	56	
	00095-00002	4mm 366 AIR 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.15	0.32	56	
	00096-00001	4mm 366 ARG 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.17	0.38	59	
	00096-00002	4mm 366 ARG 4mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.15	0.32	59	
	00097-00001	4mm 270 AIR 4mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.31	0.22	0.40	43	
	00097-00002	4mm 270 AIR 4mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.31	0.19	0.34	43	
	00098-00001	4mm 270 ARG 4mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.28	0.22	0.40	46	
	00098-00002	4mm 270 ARG 4mm i89 - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.28	0.19	0.34	46	

NFRC Product Certification Authorization Report



Manufacturer: Merrill Millwork, Inc. **Product Series:** Park-View Aluminum Clad Inswing Door **Simulation Lab:** SQCT **Initial Cert. Date:** 08/27/1998
Street: 1300 W. Taylor St. **Product Type:** EDSL **Sim. Report #:** QCT-SIM-10423.01 **Re-Certification Date:** 08/21/2015
City/State/Zip: Merrill, WI 54452 **Air Leakage:** **Sim. Report Date:** 06/30/2015 **Revised Date:** **Expiration Date:** 06/21/2019
Print Date: 08/21/2015 **Test Date:** 08/06/2015

CPD Number: MMI-M-107 IA: National Accreditation And Management Institute

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00099-00001	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.38	0.36	0.41	52
	00099-00002	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.38	0.31	0.35	52
	00100-00001	3mm 270 AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.22	0.40	56
	00100-00002	3mm 270 AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.19	0.34	56
	00101-00001	3mm 270 ARG 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.32	0.22	0.40	59
	00101-00002	3mm 270 ARG 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.19	0.34	59
	00102-00001	3mm 366 AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.17	0.37	57
	00102-00002	3mm 366 AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.15	0.32	57
	00103-00001	3mm 366 ARG 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.32	0.16	0.37	59
	00103-00002	3mm 366 ARG 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.14	0.32	59
	00104-00001	3mm 270 AIR 3mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.30	0.21	0.39	44
	00104-00002	3mm 270 AIR 3mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.30	0.19	0.34	44
	00105-00001	3mm 270 ARG 3mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.21	0.39	47
	00105-00002	3mm 270 ARG 3mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.19	0.34	47
	00106-00001	4mm 270 AIR 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.35	0.22	0.40	55
	00106-00002	4mm 270 AIR 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.35	0.19	0.34	55

NFRC Product Certification Authorization Report



Manufacturer: Merrill Millwork, Inc. **Product Series:** Park-View Aluminum Clad Inswing Door **Simulation Lab:** SQCT **Initial Cert. Date:** 08/27/1998
Street: 1300 W. Taylor St. **Product Type:** EDSL **Sim. Report #:** QCT-SIM-10423.01 **Re-Certification Date:** 08/21/2015
City/State/Zip: Merrill, WI 54452 **Air Leakage:** **Sim. Report Date:** 06/30/2015 **Revised Date:** **Expiration Date:** 06/21/2019
Print Date: 08/21/2015 **Test Date:** 08/06/2015

CPD Number: MMI-M-107 IA: National Accreditation And Management Institute

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00107-00001	4mm 270 ARG 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.32	0.21	0.40	59
	00107-00002	4mm 270 ARG 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.19	0.34	59
	00108-00001	4mm 366 AIR 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.17	0.37	56
	00108-00002	4mm 366 AIR 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.15	0.31	56
	00109-00001	4mm 366 ARG 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.16	0.37	59
	00109-00002	4mm 366 ARG 4mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.14	0.31	59
	00110-00001	4mm 270 AIR 4mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.31	0.21	0.39	43
	00110-00002	4mm 270 AIR 4mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.31	0.18	0.33	43
	00111-00001	4mm 270 ARG 4mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.21	0.39	46
	00111-00002	4mm 270 ARG 4mm i89 - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.18	0.33	46
	00112-00001	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.38	0.35	0.40	52
	00112-00002	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.38	0.31	0.34	52
	00113-00001	3mm 270 AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.35	0.22	0.39	56
	00113-00002	3mm 270 AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.35	0.19	0.33	56
	00114-00001	3mm 270 ARG 3mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.32	0.21	0.39	59
	00114-00002	3mm 270 ARG 3mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.19	0.33	59

NFRC Product Certification Authorization Report



Manufacturer: Merrill Millwork, Inc. **Product Series:** Park-View Aluminum Clad Inswing Door **Simulation Lab:** SQCT **Initial Cert. Date:** 08/27/1998
Street: 1300 W. Taylor St. **Product Type:** EDSL **Sim. Report #:** QCT-SIM-10423.01 **Re-Certification Date:** 08/21/2015
City/State/Zip: Merrill, WI 54452 **Air Leakage:** **Sim. Report Date:** 06/30/2015 **Revised Date:** **Expiration Date:** 06/21/2019
Print Date: 08/21/2015 **Test Date:** 08/06/2015

CPD Number: MMI-M-107 IA: National Accreditation And Management Institute

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Llys	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00115-00001	3mm 366 AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.16	0.36	57
	00115-00002	3mm 366 AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.14	0.31	57
	00116-00001	3mm 366 ARG 3mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.32	0.16	0.36	59
	00116-00002	3mm 366 ARG 3mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.14	0.31	59
	00117-00001	3mm 270 AIR 3mm i89 - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	N		CL	0.31	0.21	0.38	44
	00117-00002	3mm 270 AIR 3mm i89 - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.31	0.18	0.33	44
	00118-00001	3mm 270 ARG 3mm i89 - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.21	0.38	47
	00118-00002	3mm 270 ARG 3mm i89 - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.514	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.18	0.33	47
	00119-00001	4mm 270 AIR 4mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.35	0.21	0.39	55
	00119-00002	4mm 270 AIR 4mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.35	0.19	0.33	55
	00120-00001	4mm 270 ARG 4mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.32	0.21	0.39	59
	00120-00002	4mm 270 ARG 4mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.32	0.18	0.33	59
	00121-00001	4mm 366 AIR 4mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.34	0.16	0.36	56
	00121-00002	4mm 366 AIR 4mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.34	0.14	0.31	56
	00122-00001	4mm 366 ARG 4mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.31	0.16	0.36	59
	00122-00002	4mm 366 ARG 4mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.022(2)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.31	0.14	0.31	59
	00123-00001	4mm 270 AIR 4mm i89 - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	N		CL	0.31	0.21	0.38	43

NFRC Product Certification Authorization Report



Manufacturer: Merrill Millwork, Inc. **Product Series:** Park-View Aluminum Clad Inswing Door **Simulation Lab:** SQCT **Initial Cert. Date:** 08/27/1998
Street: 1300 W. Taylor St. **Product Type:** EDSL **Sim. Report #:** QCT-SIM-10423.01 **Re-Certification Date:** 08/21/2015
City/State/Zip: Merrill, WI 54452 **Air Leakage:** **Sim. Report Date:** 06/30/2015 **Revised Date:** **Expiration Date:** 06/21/2019
Print Date: 08/21/2015 **Test Date:** 08/06/2015

CPD Number: MMI-M-107

IA: National Accreditation And Management Institute

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00123-00002	4mm 270 AIR 4mm i89 - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: AIR (100)	G	0.75	CL	0.31	0.18	0.32	43
	00124-00001	4mm 270 ARG 4mm i89 - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	N		CL	0.29	0.21	0.38	46
	00124-00002	4mm 270 ARG 4mm i89 - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	2	0.037(2),0.149(4)	0.439	SS-D	Fill 1: ARG/AIR (90/10)	G	0.75	CL	0.29	0.18	0.32	46
	00125-00001	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.38	0.35	0.39	52
	00125-00002	3mm SG500 AIR 3mm CL AIR 3mm CL - 3/4" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.215(2)	0.197,0.197	A5-S	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.38	0.30	0.33	52
	00126-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.29	0.19	0.32	60
	00127-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.29	0.17	0.27	60
	00128-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.26	0.19	0.32	60
	00129-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.27	0.17	0.27	60
	00130-00001	4mm 270 AIR 4mm CL AIR 270 4mm CL - 1" (6-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.31	0.19	0.31	60
	00131-00001	4mm 270 ARG90 4mm CL ARG90 270 4mm CL - 1" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.28	0.19	0.31	60
	00132-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.29	0.19	0.31	60
	00133-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.30	0.16	0.26	60
	00134-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.26	0.18	0.31	60
	00135-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.27	0.16	0.26	60

NFRC Product Certification Authorization Report



Manufacturer: Merrill Millwork, Inc. **Product Series:** Park-View Aluminum Clad Inswing Door **Simulation Lab:** SQCT **Initial Cert. Date:** 08/27/1998
Street: 1300 W. Taylor St. **Product Type:** EDSL **Sim. Report #:** QCT-SIM-10423.01 **Re-Certification Date:** 08/21/2015
City/State/Zip: Merrill, WI 54452 **Air Leakage:** **Sim. Report Date:** 06/30/2015 **Revised Date:** **Expiration Date:** 06/21/2019
Print Date: 08/21/2015 **Test Date:** 08/06/2015

CPD Number: MMI-M-107 IA: National Accreditation And Management Institute

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00136-00001	4mm 270 AIR 4mm CL AIR 270 4mm CL - 1" (8-1/2" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.31	0.18	0.30	60
	00137-00001	4mm 270 ARG90 4mm CL ARG90 270 4mm CL - 1" (10" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.28	0.18	0.30	60
	00138-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (10" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.29	0.18	0.30	60
	00139-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (10" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.30	0.16	0.26	60
	00140-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (10" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.27	0.18	0.30	60
	00141-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (10" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.27	0.16	0.26	60
	00142-00001	4mm 270 AIR 4mm CL AIR 270 4mm CL - 1" (10" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.31	0.18	0.30	60
	00143-00001	4mm 270 ARG90 4mm CL ARG90 270 4mm CL - 1" (10" bottom rail, 4-9/16" sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.28	0.18	0.30	60
	00144-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.29	0.19	0.32	59
	00145-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.30	0.17	0.28	59
	00146-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.26	0.19	0.32	59
	00147-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.27	0.17	0.28	59
	00148-00001	4mm 270 AIR 4mm CL AIR 270 4mm CL - 1" (6-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.31	0.19	0.32	59
	00149-00001	4mm 270 ARG90 4mm CL ARG90 270 4mm CL - 1" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.28	0.19	0.32	59

NFRC Product Certification Authorization Report



Manufacturer: Merrill Millwork, Inc. **Product Series:** Park-View Aluminum Clad Inswing Door **Simulation Lab:** SQCT **Initial Cert. Date:** 08/27/1998
Street: 1300 W. Taylor St. **Product Type:** EDSL **Sim. Report #:** QCT-SIM-10423.01 **Re-Certification Date:** 08/21/2015
City/State/Zip: Merrill, WI 54452 **Air Leakage:** **Sim. Report Date:** 06/30/2015 **Revised Date:** **Expiration Date:** 06/21/2019
Print Date: 08/21/2015 **Test Date:** 08/06/2015

CPD Number: MMI-M-107													IA: National Accreditation And Management Institute				
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.		
	00150-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.29	0.19	0.31	59		
	00151-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.30	0.16	0.27	59		
	00152-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.27	0.19	0.31	59		
	00153-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.27	0.16	0.27	59		
	00154-00001	4mm 270 AIR 4mm CL AIR 270 4mm CL - 1" (8-1/2" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.31	0.18	0.31	59		
	00155-00001	4mm 270 ARG90 4mm CL ARG90 270 4mm CL - 1" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.28	0.18	0.31	59		
	00156-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.29	0.18	0.31	59		
	00157-00001	3mm 270 AIR 3mm CL AIR 270 3mm CL - 1" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	G	0.75	CL	0.30	0.16	0.26	59		
	00158-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.27	0.18	0.31	59		
	00159-00001	3mm 270 ARG90 3mm CL ARG90 270 3mm CL - 1" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.325,0.325	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	G	0.75	CL	0.27	0.16	0.26	59		
	00160-00001	4mm 270 AIR 4mm CL AIR 270 4mm CL - 1" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: AIR (100),Fill 2: AIR (100)	N		CL	0.31	0.18	0.30	59		
	00161-00001	4mm 270 ARG90 4mm CL ARG90 270 4mm CL - 1" (10" bottom rail, 4-9/16" ADA sill)	WA/WA	3	0.037(2),0.037(5)	0.266,0.266	SS-D	Fill 1: ARG/AIR (90/10),Fill 2: ARG/AIR (90/10)	N		CL	0.28	0.18	0.30	59		

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TQCT	08/06/2015	987 mm x 2090 mm	0.309	0.293	QCT-TH-10423.01

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: _____

