

NFRC Product Certification Authorization Report



Manufacturer: Lawson Industries **Product Series:** LaPorte 2200 Outswing French Door **Simulation Lab:** SFTL **Initial Cert. Date:** 06/06/2007
Street: 8501 NW 90th Street **Product Type:** EDSL **Sim. Report #:** 9044 **Re-Certification Date:** 08/26/2016
City/State/Zip: Medley, FL 33166 **Air Leakage:** **Sim. Report Date:** 08/18/2016 **Revised Date:** 08/18/2016
Print Date: 09/01/2016 **Test Date:** 07/30/2016 **Expiration Date:** 07/30/2021

CPD Number: LAW-A-5															IA: American Architectural Manufacturers Association
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00060-00001	1/8 Clear - Air - 1/8 Clear	AL/AL	2	0.84(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.85	0.46	0.45	19
	00060-00002	1/8 Clear - Air - 1/8 Clear	AL/AL	2	0.84(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.85	0.46	0.45	19
	00060-00003	1/8 Green - Air - 1/8 Clear	AL/AL	2	0.84(2)	0.250	P1-S	Fill 1: AIR (100)	N		GR	0.85	0.37	0.41	19
	00060-00004	1/8 Green - Air - 1/8 Clear	AL/AL	2	0.84(2)	0.250	A8-S	Fill 1: AIR (100)	N		GR	0.85	0.37	0.41	19
	00060-00005	1/8 Bronze - Air - 1/8 Clear	AL/AL	2	0.84(2)	0.250	P1-S	Fill 1: AIR (100)	N		BZ	0.85	0.38	0.33	19
	00060-00006	1/8 Bronze - Air - 1/8 Clear	AL/AL	2	0.84(2)	0.250	A8-S	Fill 1: AIR (100)	N		BZ	0.85	0.38	0.33	19
	00060-00007	1/8 Gray - Air - 1/8 Clear	AL/AL	2	0.84(2)	0.250	P1-S	Fill 1: AIR (100)	N		GY	0.85	0.37	0.31	19
	00060-00008	1/8 Gray - Air - 1/8 Clear	AL/AL	2	0.84(2)	0.250	A8-S	Fill 1: AIR (100)	N		GY	0.85	0.37	0.31	19
	00061-00001	1/8 Comfort E - Air - 1/8 Clear	AL/AL	2	0.84(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.85	0.40	0.41	19
	00061-00002	1/8 Comfort E - Air - 1/8 Clear	AL/AL	2	0.84(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.85	0.40	0.41	19
	00062-00001	3/16 Clear	AL/AL	1	0.84(2)		N		N		CL	1.09	0.50	0.49	12
	00062-00002	3/16 Green	AL/AL	1	0.84(2)		N		N		GR	1.09	0.39	0.43	12
	00062-00003	3/16 Bronze	AL/AL	1	0.84(2)		N		N		BZ	1.09	0.40	0.32	12
	00062-00004	3/16 Gray	AL/AL	1	0.84(2)		N		N		GY	1.09	0.38	0.27	12
	00062-00005	1/4 Clear	AL/AL	1	0.84(2)		N		N		CL	1.09	0.49	0.48	12
	00062-00006	1/4 Green	AL/AL	1	0.84(2)		N		N		GR	1.09	0.38	0.42	12
	00062-00007	1/4 Bronze	AL/AL	1	0.84(2)		N		N		BZ	1.09	0.38	0.29	12
	00062-00008	1/4 Gray	AL/AL	1	0.84(2)		N		N		GY	1.09	0.36	0.25	12
	00063-00001	1/8 LoE 366 - Air - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.20	0.35	19
	00063-00002	1/8 LoE 366 - Air - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.20	0.35	19
	00064-00001	1/8 LoE 270 - Air - 1/8 Clear	AL/AL	2	0.037(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.25	0.38	19
	00064-00002	1/8 LoE 270 - Air - 1/8 Clear	AL/AL	2	0.037(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.25	0.38	19
	00065-00001	1/8 LoE 240 - Air - 1/8 Clear	AL/AL	2	0.057(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.19	0.22	19
	00065-00002	1/8 LoE 240 - Air - 1/8 Clear	AL/AL	2	0.057(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.19	0.22	19

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	00066-00001	1/8 LoE 366 - Arg - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.19	0.35	19	
	00066-00002	1/8 LoE 366 - Arg - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.19	0.35	19	
	00067-00001	1/8 LoE 270 - Arg - 1/8 Clear	AL/AL	2	0.037(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.75	0.24	0.38	19	
	00067-00002	1/8 LoE 270 - Arg - 1/8 Clear	AL/AL	2	0.037(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.75	0.24	0.38	19	
	00068-00001	1/8 LoE 240 - Arg - 1/8 Clear	AL/AL	2	0.057(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.75	0.19	0.22	19	
	00068-00002	1/8 LoE 240 - Arg - 1/8 Clear	AL/AL	2	0.057(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.75	0.19	0.22	19	
	00069-00001	1/8 Clear - 090 PVB - 1/8 Clear	AL/AL	1	0.843(2)		N		N		CL	1.07	0.46	0.48	14	
	00069-00002	1/8 Bronze - 090 PVB - 1/8 Clear	AL/AL	1	0.84(2)		N		N		CL	1.07	0.40	0.36	14	
	00069-00003	1/8 Gray - 090 PVB - 1/8 Clear	AL/AL	1	0.84(2)		N		N		CL	1.07	0.39	0.33	14	
	00069-00004	1/8 Clear - 090 Bronze PVB - 1/8 Clear	AL/AL	1	0.84(2)		N		N		CL	1.07	0.26	0.33	14	
	00069-00005	1/8 Clear - 090 Gray PVB - 1/8 Clear	AL/AL	1	0.84(2)		N		N		CL	1.07	0.29	0.07	14	
	00070-00001	1/8 LoE 366 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.19	0.34	19	
	00070-00002	1/8 LoE 366 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.19	0.34	19	
	00071-00001	1/8 LoE 270 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.037(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.24	0.37	19	
	00071-00002	1/8 LoE 270 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.037(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.24	0.37	19	
	00072-00001	1/8 LoE 240 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.057(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.19	0.21	19	
	00072-00002	1/8 LoE 240 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.057(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.19	0.21	19	
	00073-00001	1/8 LoE 366 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.19	0.34	19	
	00073-00002	1/8 LoE 366 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.022(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.19	0.34	19	
	00074-00001	1/8 LoE 270 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.037(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.24	0.37	19	

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	00074-00002	1/8 LoE 270 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.037(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.24	0.37	19	
	00075-00001	1/8 LoE 240 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.057(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.75	0.18	0.21	19	
	00075-00002	1/8 LoE 240 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.057(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.75	0.18	0.21	19	
	00076-00001	1/8 Comfort Select 28 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.021(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.20	0.33	19	
	00076-00002	1/8 Comfort Select 28 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.021(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.20	0.33	19	
	00077-00001	1/8 Comfort Select 36 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.027(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.24	0.35	19	
	00077-00002	1/8 Comfort Select 36 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.027(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.24	0.35	19	
	00078-00001	1/8 Clima Guard 55/27 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.031(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.20	0.29	19	
	00078-00002	1/8 Clima Guard 55/27 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.031(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.20	0.29	19	
	00079-00001	1/8 Clima Guard 63/31 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.033(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.21	0.33	19	
	00079-00002	1/8 Clima Guard 63/31 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.033(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.21	0.33	19	
	00080-00001	1/8 Comfort Select 28 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.021(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.20	0.33	19	
	00080-00002	1/8 Comfort Select 28 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.021(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.20	0.33	19	
	00081-00001	1/8 Comfort Select 36 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.027(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.24	0.35	19	
	00081-00002	1/8 Comfort Select 36 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.027(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.24	0.35	19	
	00082-00001	1/8 Clima Guard 55/27 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.031(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.19	0.29	19	
	00082-00002	1/8 Clima Guard 55/27 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.031(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.19	0.29	19	

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	00083-00001	1/8 Clima Guard 63/31 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.033(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.21	0.33	19	
	00083-00002	1/8 Clima Guard 63/31 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.033(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.21	0.33	19	
	00084-00001	1/8 Clima Guard 70/36 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.036(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.23	0.34	19	
	00084-00002	1/8 Clima Guard 70/36 - Air - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.23	0.34	19	
	00085-00001	1/8 Clima Guard 70/36 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.036(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.22	0.34	19	
	00085-00002	1/8 Clima Guard 70/36 - Arg - 1/8 Clear 090 PVB - 1/8 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.22	0.34	19	
	00086-00001	1/8 Comfort Slect 28 - Air - 1/8 Clear	AL/AL	2	0.021(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.20	0.34	19	
	00086-00002	1/8 Comfort Slect 28 - Air - 1/8 Clear	AL/AL	2	0.021(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.20	0.34	19	
	00087-00001	1/8 Comfort Slect 36 - Air - 1/8 Clear	AL/AL	2	0.027(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.24	0.36	19	
	00087-00002	1/8 Comfort Slect 36 - Air - 1/8 Clear	AL/AL	2	0.027(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.24	0.36	19	
	00088-00001	1/8 Clima Guard 55/27 - Air - 1/8 Clear	AL/AL	2	0.031(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.20	0.30	19	
	00088-00002	1/8 Clima Guard 55/27 - Air - 1/8 Clear	AL/AL	2	0.031(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.20	0.30	19	
	00089-00001	1/8 Clima Guard 63/31 - Air - 1/8 Clear	AL/AL	2	0.033(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.22	0.34	19	
	00089-00002	1/8 Clima Guard 63/31 - Air - 1/8 Clear	AL/AL	2	0.033(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.22	0.34	19	
	00090-00001	1/8 Clima Guard 70/36 - Air - 1/8 Clear	AL/AL	2	0.036(2)	0.250	P1-S	Fill 1: AIR (100)	N		CL	0.78	0.23	0.35	19	
	00090-00002	1/8 Clima Guard 70/36 - Air - 1/8 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: AIR (100)	N		CL	0.78	0.23	0.35	19	
	00091-00001	1/8 Comfort Select 28-Arg-1/8 Clear	AL/AL	2	0.021(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.20	0.34	19	
	00091-00002	1/8 Comfort Select 28-Arg-1/8 Clear	AL/AL	2	0.021(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.20	0.34	19	
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	00092-00002	1/8 Comfort Select 36-Arg-1/8 Clear	AL/AL	2	0.027(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.24	0.36	19	
	00093-00001	1/8 Clima Guard 55/27-Arg-1/8 Clear	AL/AL	2	0.031(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.20	0.30	19	
	00093-00002	1/8 Clima Guard 55/27-Arg-1/8 Clear	AL/AL	2	0.031(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.20	0.30	19	

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	00094-00001	1/8 Clima Guard 63/31-Arg-1/8 Clear	AL/AL	2	0.033(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.21	0.34	19
	00094-00002	1/8 Clima Guard 63/31-Arg-1/8 Clear	AL/AL	2	0.033(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.74	0.21	0.34	19
	00095-00001	1/8 Clima Guard 70/36 - Arg-1/8 Clear	AL/AL	2	0.036(2)	0.250	P1-S	Fill 1: ARG/AIR (90/10)	N		CL	0.75	0.23	0.35	19
	00095-00002	1/8 Clima Guard 70/36 - Arg-1/8 Clear	AL/AL	2	0.036(2)	0.250	A8-S	Fill 1: ARG/AIR (90/10)	N		CL	0.75	0.23	0.35	19
	00096-00001	1/8 Clear - 090 PVB - 1/8 Clear	AL/AL	1	0.149(2)		N		N		CL	0.87	0.42	0.47	9

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TFTL	07/30/2016	1003 mm x 2000 mm	0.812	0.741	9017

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: _____