

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE21003-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-108

Simulation Orig Report Date: 9/21/2021

Series/Model: 3600-T Folding Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 9/21/2021

Operator Type: Double Door-French-style Door (O,X, XO or XX)

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Note: Options without numbers are grouped with the option(s) above

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers > 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
193	Clear/Air 5mm	0.197, 0.197	0.601	AIR		A1-D	N,G	0.55	36	CL	0.56	0.59	0.49	0.51	0.43	0.44
194	Clear/Air 6mm	0.236, 0.236	0.538	AIR		A1-D	N,G	0.55	37	CL	0.55	0.58	0.48	0.51	0.42	0.44
195	Clear/Arg 5mm	0.197, 0.197	0.601	ARG		A1-D	N,G	0.54	37	CL	0.56	0.59	0.49	0.51	0.43	0.44
196	Clear/Arg 6mm	0.236, 0.236	0.538	ARG		A1-D	N,G	0.54	37	CL	0.55	0.58	0.48	0.51	0.42	0.44
197	SN68/Air 5mm	0.197, 0.197	0.601	AIR	0.039(2)	A1-D	N,G	0.44	38	CL	0.28	0.50	0.25	0.43	0.22	0.37
	sBZ-SN68/Air 5mm	0.197, 0.197	0.601	AIR	0.039(3)	A1-D	N,G	0.44	38	BZ	0.25	0.32	0.23	0.28	0.20	0.24
198	SN68/Air 6mm	0.236, 0.236	0.538	AIR	0.039(2)	A1-D	N,G	0.43	38	CL	0.28	0.49	0.25	0.43	0.22	0.37
	sBZ-SN68/Air 6mm	0.236, 0.236	0.538	AIR	0.039(3)	A1-D	N,G	0.43	38	BZ	0.24	0.29	0.21	0.25	0.19	0.22
199	SN68/Arg 5mm	0.197, 0.197	0.601	ARG	0.039(2)	A1-D	N,G	0.41	38	CL	0.28	0.50	0.25	0.43	0.22	0.37
200	SN68/Arg 6mm	0.236, 0.236	0.538	ARG	0.039(2)	A1-D	N,G	0.40	38	CL	0.28	0.49	0.25	0.43	0.22	0.37
201	SNX62/Air 5mm	0.197, 0.197	0.601	AIR	0.020(2)	A1-D	N,G	0.43	38	CL	0.20	0.45	0.18	0.39	0.16	0.34
202	SNX62/Air 6mm	0.236, 0.236	0.538	AIR	0.020(2)	A1-D	N,G	0.43	38	CL	0.20	0.45	0.18	0.39	0.16	0.33
203	SNX62/Arg 5mm	0.197, 0.197	0.601	ARG	0.020(2)	A1-D	N,G	0.40	38	CL	0.20	0.45	0.18	0.39	0.16	0.34
204	SNX62/Arg 6mm	0.236, 0.236	0.538	ARG	0.020(2)	A1-D	N,G	0.40	38	CL	0.20	0.45	0.18	0.39	0.16	0.33
205	SN68/Air/Clr/Air/SN68 5mm	0.197, 0.197, 0.197	0.444, 0.444	AIR	0.039(2) 0.039(5)	A1-D	N,G	0.35	40	CL	0.24	0.38	0.22	0.33	0.19	0.28
206	SN68/Arg/Clr/Arg/SN68 5mm	0.197, 0.197, 0.197	0.444, 0.444	ARG	0.039(2) 0.039(5)	A1-D	N,G	0.32	40	CL	0.24	0.38	0.21	0.33	0.19	0.28
207	SNX62/Air/Clr/Air/SNX62 5mm	0.197, 0.197, 0.197	0.444, 0.444	AIR	0.020(2) 0.020(5)	A1-D	N,G	0.34	40	CL	0.18	0.31	0.16	0.27	0.14	0.23
208	SNX62/Arg/Clr/Arg/SNX62 5mm	0.197, 0.197, 0.197	0.444, 0.444	ARG	0.020(2) 0.020(5)	A1-D	N,G	0.32	40	CL	0.17	0.31	0.16	0.27	0.14	0.23
209	SN68/Air/Clr/Air/SN68 6mm	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.039(2) 0.039(5)	A1-D	N	0.35	40	CL	0.24	0.37				
210	SN68/Arg/Clr/Arg/SN68 6mm	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.039(2) 0.039(5)	A1-D	N	0.33	40	CL	0.24	0.37				
211	SN68/Air/Clr/Air/SN68 6mm	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.039(2) 0.039(5)	A1-D	G	0.36	40	CL			0.21	0.32		
212	SN68/Arg/Clr/Arg/SN68 6mm	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.039(2) 0.039(5)	A1-D	G	0.33	40	CL			0.21	0.32		
213	SN68/Air/Clr/Air/SN68 6mm	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.039(2) 0.039(5)	A1-D	G	0.36	40	CL					0.19	0.28
214	SN68/Arg/Clr/Arg/SN68 6mm	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.039(2) 0.039(5)	A1-D	G	0.33	40	CL					0.19	0.28

The Condensation Resistance results obtained from this procedure are for controlled laboratory conditions and do not include the effects of air movement through the specimen, solar radiation, and the thermal bridging that may occur due to the specific design and construction of the fenestration system opening. (NFRC 500, Sec. 4.4)

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Product Line ID: FLE-M-108

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Series/Model: 3600-T Folding Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 9/21/2021

Operator Type: Double Door-French-style Door (O,X, XO or XX)

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Note: Options without numbers are grouped with the option(s) above

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers > 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
215	SNX62/Air/Cir/Air/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	N	0.35	40	CL	0.18	0.31				
216	SNX62/Arg/Cir/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	N	0.32	40	CL	0.17	0.31				
217	SNX62/Air/Cir/Air/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	G	0.36	40	CL			0.16	0.27		
218	SNX62/Arg/Cir/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	G	0.33	40	CL			0.16	0.27		
219	SNX62/Air/Cir/Air/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	G	0.36	40	CL					0.14	0.23
220	SNX62/Arg/Cir/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	G	0.33	40	CL					0.14	0.23
221	SN68/Air 5mm	0.197, 0.197	0.596	AIR	0.039(2)	TS-D	N,G	0.42	40	CL	0.28	0.50	0.25	0.43	0.22	0.37
222	SN68/Air 6mm	0.236, 0.236	0.534	AIR	0.039(2)	TS-D	N,G	0.42	40	CL	0.28	0.49	0.25	0.43	0.22	0.37
223	SN68/Arg 5mm	0.197, 0.197	0.596	ARG	0.039(2)	TS-D	N,G	0.39	41	CL	0.28	0.50	0.25	0.43	0.22	0.37
224	SN68/Arg 6mm	0.236, 0.236	0.534	ARG	0.039(2)	TS-D	N,G	0.39	41	CL	0.28	0.49	0.25	0.43	0.22	0.37
225	SNX62/Air 5mm	0.197, 0.197	0.596	AIR	0.020(2)	TS-D	N,G	0.42	40	CL	0.20	0.45	0.18	0.39	0.16	0.34
226	SNX62/Air 6mm	0.236, 0.236	0.534	AIR	0.020(2)	TS-D	N,G	0.42	40	CL	0.20	0.45	0.18	0.39	0.16	0.33
227	SNX62/Arg 5mm	0.197, 0.197	0.596	ARG	0.020(2)	TS-D	N,G	0.39	41	CL	0.20	0.45	0.18	0.39	0.16	0.34
228	SNX62/Arg 6mm	0.236, 0.236	0.534	ARG	0.020(2)	TS-D	N,G	0.38	41	CL	0.20	0.45	0.18	0.39	0.16	0.33
229	SN68-IS20/Air 5mm	0.197, 0.197	0.596	AIR	0.039(2) 0.198(4)	TS-D	N,G	0.37	39	CL	0.28	0.48	0.24	0.42	0.21	0.36
230	SN68-IS20/Air 6mm	0.236, 0.236	0.534	AIR	0.039(2) 0.198(4)	TS-D	N,G	0.37	39	CL	0.27	0.48	0.24	0.41	0.21	0.36
231	SN68-IS20/Arg 5mm	0.197, 0.197	0.596	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.35	40	CL	0.27	0.48	0.24	0.42	0.21	0.36
232	SN68-IS20/Arg 6mm	0.236, 0.236	0.534	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.35	40	CL	0.27	0.48	0.24	0.41	0.21	0.36
233	SNX62-IS20/Air 5mm	0.197, 0.197	0.596	AIR	0.020(2) 0.198(4)	TS-D	N,G	0.37	40	CL	0.20	0.44	0.17	0.38	0.16	0.33
234	SNX62-IS20/Air 6mm	0.236, 0.236	0.534	AIR	0.020(2) 0.198(4)	TS-D	N,G	0.37	39	CL	0.20	0.43	0.18	0.38	0.16	0.32
235	SNX62-IS20/Arg 5mm	0.197, 0.197	0.596	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.35	40	CL	0.19	0.44	0.17	0.38	0.15	0.33
236	SNX62-IS20/Arg 6mm	0.236, 0.236	0.534	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.35	40	CL	0.19	0.43	0.17	0.38	0.15	0.32
237	SN68/Air/Cir/Air/SN68 5mm	0.197, 0.197, 0.197	0.440, 0.440	AIR	0.039(2) 0.039(5)	TS-D	N,G	0.33	42	CL	0.24	0.38	0.22	0.33	0.19	0.28
238	SN68/Arg/Cir/Arg/SN68 5mm	0.197, 0.197, 0.197	0.440, 0.440	ARG	0.039(2) 0.039(5)	TS-D	N,G	0.31	42	CL	0.24	0.38	0.21	0.33	0.19	0.28

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											SHGC	VT	SHGC	VT	SHGC	VT
239	SNX62/Air/Cir/Air/SNX62 5mm	0.197, 0.197, 0.197	0.440, 0.440	AIR	0.020(2) 0.020(5)	TS-D	N,G	0.33	42	CL	0.18	0.31	0.16	0.27	0.14	0.23
240	SNX62/Arg/Cir/Arg/SNX62 5mm	0.197, 0.197, 0.197	0.440, 0.440	ARG	0.020(2) 0.020(5)	TS-D	N,G	0.30	42	CL	0.17	0.31	0.16	0.27	0.14	0.23
241	SN68/Air/SN68/Air/IS20 5mm	0.197, 0.197, 0.197	0.440, 0.440	AIR	0.039(2) 0.039(4) 0.198(6)	TS-D	N,G	0.31	41	CL	0.22	0.37	0.19	0.32	0.17	0.28
242	SN68/Arg/SN68/Arg/IS20 5mm	0.197, 0.197, 0.197	0.440, 0.440	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	N,G	0.29	41	CL	0.22	0.37	0.19	0.32	0.17	0.28
243	SNX62/Air/SNX62/Air/IS20 5mm	0.197, 0.197, 0.197	0.440, 0.440	AIR	0.020(2) 0.020(4) 0.198(6)	TS-D	N,G	0.31	41	CL	0.15	0.30	0.14	0.26	0.12	0.23
244	SNX62/Arg/SNX62/Arg/IS20 5mm	0.197, 0.197, 0.197	0.440, 0.440	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	N,G	0.29	41	CL	0.15	0.30	0.13	0.26	0.12	0.23
245	SN68/Air/Cir/Air/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.039(2) 0.039(5)	TS-D	N	0.34	42	CL	0.24	0.37				
246	SN68/Arg/Cir/Arg/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(5)	TS-D	N	0.31	42	CL	0.24	0.37				
247	SN68/Air/Cir/Air/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.039(2) 0.039(5)	TS-D	G	0.35	42	CL			0.21	0.32		
248	SN68/Arg/Cir/Arg/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(5)	TS-D	G	0.32	42	CL			0.21	0.32		
249	SN68/Air/Cir/Air/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.039(2) 0.039(5)	TS-D	G	0.35	42	CL					0.19	0.28
250	SN68/Arg/Cir/Arg/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(5)	TS-D	G	0.32	42	CL					0.19	0.28
251	SNX62/Air/Cir/Air/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.020(2) 0.020(5)	TS-D	N	0.34	42	CL	0.18	0.31				
252	SNX62/Arg/Cir/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(5)	TS-D	N	0.31	42	CL	0.17	0.31				
253	SNX62/Air/Cir/Air/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.020(2) 0.020(5)	TS-D	G	0.35	42	CL			0.16	0.27		
254	SNX62/Arg/Cir/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(5)	TS-D	G	0.32	42	CL			0.16	0.27		
255	SNX62/Air/Cir/Air/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.020(2) 0.020(5)	TS-D	G	0.35	42	CL					0.14	0.23
256	SNX62/Arg/Cir/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(5)	TS-D	G	0.32	42	CL					0.14	0.23
257	SN68/Air/SN68/Air/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.039(2) 0.039(4) 0.198(6)	TS-D	N	0.32	41	CL	0.22	0.36				
258	SN68/Arg/SN68/Arg/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	N	0.30	41	CL	0.21	0.36				
259	SN68/Air/SN68/Air/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.039(2) 0.039(4) 0.198(6)	TS-D	G	0.33	41	CL			0.19	0.32		
260	SN68/Arg/SN68/Arg/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	G	0.30	41	CL			0.19	0.32		
261	SN68/Air/SN68/Air/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.039(2) 0.039(4) 0.198(6)	TS-D	G	0.33	41	CL					0.17	0.27
262	SN68/Arg/SN68/Arg/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	G	0.30	41	CL					0.17	0.27

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Report Type: Recertification

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Note: Options without numbers are grouped with the option(s) above

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											SHGC	VT	SHGC	VT	SHGC	VT
263	SNX62/Air/SNX62/Air/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.020(2) 0.020(4) 0.198(6)	TS-D	N	0.31	41	CL	0.15	0.30				
264	SNX62/Arg/SNX62/Arg/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	N	0.29	41	CL	0.15	0.30				
265	SNX62/Air/SNX62/Air/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.020(2) 0.020(4) 0.198(6)	TS-D	G	0.32	41	CL			0.14	0.26		
266	SNX62/Arg/SNX62/Arg/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	G	0.30	41	CL			0.13	0.26		
267	SNX62/Air/SNX62/Air/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.020(2) 0.020(4) 0.198(6)	TS-D	G	0.32	41	CL					0.12	0.22
268	SNX62/Arg/SNX62/Arg/IS20 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	G	0.30	41	CL					0.12	0.22
269	CIG272-i89/Air 5mm	0.197, 0.197	0.632	AIR	0.042(2) 0.149(4)	SS-D	N,G	0.37	40	CL	0.30	0.50	0.26	0.43	0.23	0.37
270	CIG272-i89/Air 6mm	0.236, 0.236	0.522	AIR	0.042(2) 0.149(4)	SS-D	N,G	0.36	39	CL	0.29	0.49	0.26	0.43	0.23	0.37
271	CIG272-i89/Arg 5mm	0.197, 0.197	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.35	40	CL	0.30	0.50	0.26	0.43	0.23	0.37
272	CIG272-i89/Arg 6mm	0.236, 0.236	0.522	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.34	40	CL	0.29	0.49	0.26	0.43	0.23	0.37
273	CIG366-i89/Air 5mm	0.197, 0.197	0.632	AIR	0.020(2) 0.149(4)	SS-D	N,G	0.36	40	CL	0.20	0.45	0.18	0.39	0.16	0.34
274	CIG366-i89/Air 6mm	0.236, 0.236	0.522	AIR	0.020(2) 0.149(4)	SS-D	N,G	0.36	40	CL	0.20	0.44	0.18	0.39	0.16	0.33
275	CIG366-i89/Arg 5mm	0.197, 0.197	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.34	40	CL	0.20	0.45	0.18	0.39	0.16	0.34
276	CIG366-i89/Arg 6mm	0.236, 0.236	0.522	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.34	40	CL	0.20	0.44	0.18	0.39	0.16	0.33
277	CIG180-i89/Arg 5mm	0.197, 0.197	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.35	40	CL	0.44	0.55	0.39	0.48	0.34	0.41
278	CIG180-i89/Arg 6mm	0.236, 0.236	0.522	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.35	40	CL	0.43	0.54	0.38	0.47	0.33	0.41
279	CIG272/Arg 5mm	0.197, 0.197	0.632	ARG	0.042(2)	SS-D	N,G	0.39	41	CL	0.30	0.51	0.27	0.45	0.24	0.38
280	CIG272/Arg 6mm	0.236, 0.236	0.522	ARG	0.042(2)	SS-D	N,G	0.39	41	CL	0.30	0.50	0.26	0.44	0.23	0.38
281	CIG366/Arg 5mm	0.197, 0.197	0.632	ARG	0.020(2)	SS-D	N,G	0.39	41	CL	0.21	0.46	0.18	0.40	0.16	0.35
282	CIG366/Arg 6mm	0.236, 0.236	0.522	ARG	0.020(2)	SS-D	N,G	0.38	41	CL	0.21	0.45	0.18	0.40	0.16	0.34
283	CIG180/Arg 5mm	0.197, 0.197	0.632	ARG	0.068(2)	SS-D	N,G	0.40	41	CL	0.46	0.56	0.40	0.49	0.35	0.42
284	CIG180/Arg 6mm	0.236, 0.236	0.522	ARG	0.068(2)	SS-D	N,G	0.39	41	CL	0.45	0.56	0.39	0.48	0.34	0.42
285	CIG272/Arg/Cir/Arg/CIG180 5mm	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.042(2) 0.068(5)	SS-D	N,G	0.30	43	CL	0.27	0.45	0.24	0.39	0.21	0.33
286	CIG180/Arg/Cir/Arg/CIG180 5mm	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.068(2) 0.068(5)	SS-D	N,G	0.31	42	CL	0.40	0.49	0.35	0.43	0.31	0.37

The Condensation Resistance results obtained from this procedure are for controlled laboratory conditions and do not include the effects of air movement through the specimen, solar radiation, and the thermal bridging that may occur due to the specific design and construction of the fenestration system opening. (NFRC 500, Sec. 4.4)

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE21003-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-108

Simulation Orig Report Date: 9/21/2021

Series/Model: 3600-T Folding Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 9/21/2021

Operator Type: Double Door-French-style Door (O,X, XO or XX)

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Note: Options without numbers are grouped with the option(s) above

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers > 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
287	CIG272/Arg/CIG180/Arg/CIGi89 5mm	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	N,G	0.29	42	CL	0.26	0.44	0.23	0.38	0.20	0.33
288	CIG180/Arg/CIG180/Arg/CIGi89 5mm	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	N,G	0.29	42	CL	0.38	0.48	0.33	0.42	0.29	0.36
289	CIG272/Arg/Clr/Arg/CIG180 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	N	0.31	43	CL	0.27	0.44				
290	CIG272/Arg/Clr/Arg/CIG180 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	G	0.32	43	CL			0.24	0.38		
291	CIG272/Arg/Clr/Arg/CIG180 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	G	0.32	43	CL					0.21	0.33
292	CIG180/Arg/Clr/Arg/CIG180 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	N	0.32	43	CL	0.38	0.48				
293	CIG180/Arg/Clr/Arg/CIG180 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	G	0.32	43	CL			0.34	0.42		
294	CIG180/Arg/Clr/Arg/CIG180 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	G	0.33	43	CL					0.29	0.36
295	CIG272/Arg/CIG180/Arg/CIGi89 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	N	0.29	42	CL	0.25	0.43				
296	CIG272/Arg/CIG180/Arg/CIGi89 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	G	0.30	42	CL			0.23	0.37		
297	CIG272/Arg/CIG180/Arg/CIGi89 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	G	0.30	42	CL					0.20	0.32
298	CIG180/Arg/CIG180/Arg/CIGi89 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	N	0.30	42	CL	0.36	0.47				
299	CIG180/Arg/CIG180/Arg/CIGi89 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	G	0.30	42	CL			0.32	0.41		
300	CIG180/Arg/CIG180/Arg/CIGi89 6mm	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	G	0.30	42	CL					0.28	0.35
301	SN68/Arg 5mm	0.197, 0.197	0.625	ARG	0.039(2)	ZF-S	N,G	0.39	42	CL	0.28	0.50	0.25	0.43	0.22	0.37
302	SN68/Arg 6mm	0.236, 0.236	0.500	ARG	0.039(2)	ZF-S	N,G	0.38	42	CL	0.28	0.49	0.25	0.43	0.22	0.37
303	SNX62/Arg 5mm	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	0.38	42	CL	0.20	0.45	0.18	0.39	0.16	0.34
304	SNX62/Arg 6mm	0.236, 0.236	0.500	ARG	0.020(2)	ZF-S	N,G	0.38	42	CL	0.20	0.45	0.18	0.39	0.16	0.33
305	SN68-IS20/Arg 5mm	0.197, 0.197	0.625	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.35	41	CL	0.27	0.48	0.24	0.42	0.21	0.36
306	SN68-IS20/Arg 6mm	0.236, 0.236	0.500	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.35	41	CL	0.27	0.48	0.24	0.41	0.21	0.36
307	SNX62-IS20/Arg 5mm	0.197, 0.197	0.625	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.34	41	CL	0.19	0.44	0.17	0.38	0.15	0.33
308	SNX62-IS20/Arg 6mm	0.236, 0.236	0.500	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.34	41	CL	0.19	0.43	0.17	0.38	0.15	0.32
309	CIG366-i89/Arg 5mm	0.197, 0.197	0.625	ARG	0.020(2) 0.149(4)	ZF-S	N,G	0.34	41	CL	0.20	0.45	0.18	0.39	0.16	0.34
310	CIG366-i89/Arg 6mm	0.236, 0.236	0.500	ARG	0.020(2) 0.149(4)	ZF-S	N,G	0.34	41	CL	0.20	0.44	0.18	0.39	0.16	0.33

The Condensation Resistance results obtained from this procedure are for controlled laboratory conditions and do not include the effects of air movement through the specimen, solar radiation, and the thermal bridging that may occur due to the specific design and construction of the fenestration system opening. (NFRC 500, Sec. 4.4)

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE21003-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-108

Simulation Orig Report Date: 9/21/2021

Series/Model: 3600-T Folding Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 9/21/2021

Operator Type: Double Door-French-style Door (O,X, XO or XX)

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Note: Options without numbers are grouped with the option(s) above

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers > 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
311	CIG366/Arg 5mm	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	0.38	42	CL	0.21	0.46	0.18	0.40	0.16	0.35
312	CIG366/Arg 6mm	0.236, 0.236	0.500	ARG	0.020(2)	ZF-S	N,G	0.38	42	CL	0.21	0.45	0.18	0.40	0.16	0.34
313	SN68/Arg/Clr/Arg/SN68 5mm	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.039(2) 0.039(5)	ZF-S	N,G	0.30	43	CL	0.24	0.38	0.21	0.33	0.19	0.28
314	SNX62/Arg/Clr/Arg/SNX62 5mm	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.020(2) 0.020(5)	ZF-S	N,G	0.30	43	CL	0.17	0.31	0.16	0.27	0.14	0.23
315	SN68/Arg/SN68/Arg/IS20 5mm	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	N,G	0.29	42	CL	0.22	0.37	0.19	0.32	0.17	0.28
316	SNX62/Arg/SNX62/Arg/IS20 5mm	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	N,G	0.29	42	CL	0.15	0.30	0.13	0.26	0.12	0.23
317	SN68/Arg/Clr/Arg/SN68 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	N	0.31	43	CL	0.24	0.37				
318	SN68/Arg/Clr/Arg/SN68 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	G	0.32	43	CL			0.21	0.32		
319	SN68/Arg/Clr/Arg/SN68 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	G	0.32	43	CL					0.19	0.28
320	SNX62/Arg/Clr/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	N	0.31	43	CL	0.17	0.31				
321	SNX62/Arg/Clr/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	G	0.32	43	CL			0.16	0.27		
322	SNX62/Arg/Clr/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	G	0.32	43	CL					0.14	0.23
323	SN68/Arg/SN68/Arg/IS20 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	N	0.30	42	CL	0.21	0.36				
324	SN68/Arg/SN68/Arg/IS20 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	G	0.31	42	CL			0.19	0.32		
325	SN68/Arg/SN68/Arg/IS20 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	G	0.31	42	CL					0.17	0.27
326	SNX62/Arg/SNX62/Arg/IS20 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	N	0.29	42	CL	0.15	0.30				
327	SNX62/Arg/SNX62/Arg/IS20 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	G	0.30	42	CL			0.13	0.26		
328	SNX62/Arg/SNX62/Arg/IS20 6mm	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	G	0.30	42	CL					0.12	0.22

The Condensation Resistance results obtained from this procedure are for controlled laboratory conditions and do not include the effects of air movement through the specimen, solar radiation, and the thermal bridging that may occur due to the specific design and construction of the fenestration system opening. (NFRC 500, Sec. 4.4)

Manufacturer: Fleetwood Windows & Doors		WESTLab Report No.: FLE21003-SS
Contact: Joe Zammit	RECERTIFICATION REPORT	WESTLab Report Date: 8/17/2021
Address: 1 Fleetwood Way Corona, CA 92879		Revision/Addendum Date: 8/17/2021
Phone: 951-279-1070		NFRC Product Line ID: FLE-M-108
Model/Series: 3600-T Folding Door		Report Type: Recertification

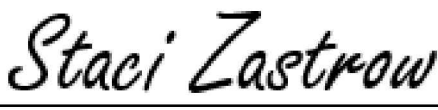
Operator Type: Double Door-French-style Door (O,X, XO or XX)
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Baseline Product for U-Factor Validation Testing:

Description: Validation Unit Triple Glazed IG: 6mm Guardian SN68 (e=0.039, sfc#2), 0.397" Air-filled Gap, 6mm Clear, 0.397" Air-Filled gap, 6mm Guardian SN68 (e=0.039, sfc #5) with Allmetal Aluminum Box spacer. The validation unit is a Double Door with anodized finish.. See W7 Option #999 for area weighted calculations.

Simulated U-factor: 0.34
Test Size (mm): 1923 x 2083 (75.7in. x 82in.)
Physical Test Tolerance: 0.31 to 0.37

Notes: Manufacturer must have the product described above tested by an accredited physical testing laboratory. Physical test window U-factor results must be within the tolerance range listed above. The baseline product simulated U-factor is within 20% or 0.10 of the lowest simulated U-factor listed in the matrix (as allowed by ANSI/NFRC 100-2020) unless otherwise noted in the "Other Notes and Comments" section.

**Signature of Simulator
In-Responsible-Charge:**


Staci Zastrow, Certified Simulator

Disclaimers/Notes:

The window U-factor, SHGC, VT & CR values presented in this report were determined using the Therm and Window computer programs in full compliance with ANSI/NFRC 100-2020, ANSI/200-2020 and NFRC 500-2020, and from information supplied by the manufacturer. This report does not constitute certification of this product and only relates to the fenestration products simulated. Authorized use of any U-factor, SHGC Visible Transmittance and Condensation Resistance ratings may only be granted by the Certification Program Administrator. WESTLab does not imply or claim that the product simulated in this report will perform as stated in actual use conditions. This report is the property of WESTLab and the client, and must not be reproduced, except in full, without written approval from WESTLab and the client. Ratings values included in this report are for submittal to an NFRC-licensed IA are not meant to be used directly for labeling purposes. Only those values identified on a valid Certification Authorization Report (CAR) by an NFRC accredited Inspection Agency (IA) are to be used for labeling purposes. Rounding of values in this report is per NFRC 601 NFRC unit and measurement policy.