NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22005-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: Series 1070 / 3070 Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum (Non-thermal) (AL)
Sash Type: Aluminum (Non-thermal) (AL)

Product Line ID: FLE-M-79
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 6/3/2022
Simulation Revision Date: 6/3/2022
Report Type: Recertification
Simulation Lab Code: SWWW

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

												No Dividers		Dividers < 1"		Dividers ≥ 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
190	Clear/Air 5mm A1	0.197, 0.197	0.621	AIR		A1-D	N,G	0.67	17	CL	0.61	0.64	0.54	0.56	0.48	0.48
191	Clear/Air 6mm A1	0.236, 0.236	0.542	AIR		A1-D	N,G	0.67	17	CL	0.60	0.63	0.53	0.55	0.47	0.48
192	SN68/Air 5mm A1	0.197, 0.197	0.621	AIR	0.039(2)	A1-D	N,G	0.55	17	CL	0.31	0.54	0.28	0.47	0.25	0.41
	sBZ-SN68/Air 5mm A1	0.197, 0.197	0.601	AIR	0.039(3)	A1-D	N,G	0.55	17	BZ	0.28	0.35	0.25	0.31	0.22	0.27
193	SN68/Air 6mm A1	0.236, 0.236	0.542	AIR	0.039(2)	A1-D	N,G	0.54	17	CL	0.31	0.53	0.28	0.47	0.25	0.41
	sBZ-SN68/Air 6mm A1	0.236, 0.236	0.538	AIR	0.039(3)	A1-D	N,G	0.54	17	BZ	0.26	0.32	0.24	0.28	0.21	0.24
194	SN68/Arg 5mm A1	0.197, 0.197	0.621	ARG	0.039(2)	A1-D	N,G	0.51	17	CL	0.31	0.54	0.28	0.47	0.25	0.41
195	SN68/Arg 6mm A1	0.236, 0.236	0.542	ARG	0.039(2)	A1-D	N,G	0.51	17	CL	0.31	0.53	0.28	0.47	0.25	0.41
196	SNX62/Air 5mm A1	0.197, 0.197	0.621	AIR	0.020(2)	A1-D	N,G	0.54	17	CL	0.22	0.49	0.20	0.43	0.18	0.37
197	SNX62/Air 6mm A1	0.236, 0.236	0.542	AIR	0.020(2)	A1-D	N,G	0.54	17	CL	0.23	0.49	0.20	0.43	0.18	0.37
198	SNX62/Arg 5mm A1	0.197, 0.197	0.621	ARG	0.020(2)	A1-D	N,G	0.51	17	CL	0.22	0.49	0.20	0.43	0.18	0.37
199	SNX62/Arg 6mm A1	0.236, 0.236	0.542	ARG	0.020(2)	A1-D	N,G	0.51	18	CL	0.22	0.49	0.20	0.43	0.18	0.37
200	SN68/Arg 5mm TS	0.197, 0.197	0.596	ARG	0.039(2)	TS-D	N,G	0.51	18	CL	0.31	0.54	0.28	0.47	0.25	0.41
201	SN68/Arg 6mm TS	0.236, 0.236	0.534	ARG	0.039(2)	TS-D	N,G	0.51	18	CL	0.31	0.53	0.28	0.47	0.25	0.41
202	SNX62/Arg 5mm TS	0.197, 0.197	0.596	ARG	0.020(2)	TS-D	N,G	0.51	18	CL	0.22	0.49	0.20	0.43	0.18	0.37
203	SNX62/Arg 6mm TS	0.236, 0.236	0.534	ARG	0.020(2)	TS-D	N,G	0.50	18	CL	0.22	0.49	0.20	0.43	0.18	0.37
204	SN68-IS20/Arg 5mm TS	0.197, 0.197	0.596	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.47	17	CL	0.30	0.52	0.27	0.46	0.24	0.40
205	SN68-IS20/Arg 6mm TS	0.236, 0.236	0.534	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.47	17	CL	0.30	0.52	0.27	0.45	0.24	0.39
206	SNX62-IS20/Arg 5mm TS	0.197, 0.197	0.596	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.47	17	CL	0.22	0.48	0.19	0.42	0.17	0.36
207	SNX62-IS20/Arg 6mm TS	0.236, 0.236	0.534	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.46	17	CL	0.22	0.47	0.19	0.41	0.17	0.36
208	CIG272/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.042(2)	SS-D	N,G	0.51	18	CL	0.33	0.56	0.30	0.49	0.26	0.42
209	CIG272/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.042(2)	SS-D	N,G	0.51	18	CL	0.33	0.55	0.29	0.48	0.26	0.42
210	CIG366/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.020(2)	SS-D	N,G	0.51	18	CL	0.23	0.50	0.21	0.44	0.18	0.38
211	CIG366/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.020(2)	SS-D	N,G	0.50	18	CL	0.23	0.49	0.21	0.43	0.18	0.38

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)

WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22005-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: Series 1070 / 3070 Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum (Non-thermal) (AL)
Sash Type: Aluminum (Non-thermal) (AL)

Product Line ID: FLE-M-79
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 6/3/2022
Simulation Revision Date: 6/3/2022
Report Type: Recertification
Simulation Lab Code: SWWW

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

											No Dividers		Dividers < 1"		Dividers ≥ 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
212	CIG180/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.068(2)	SS-D	N,G	0.52	18	CL	0.50	0.61	0.45	0.54	0.39	0.47
213	CIG180/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.068(2)	SS-D	N,G	0.52	18	CL	0.49	0.60	0.44	0.53	0.38	0.46
214	CIG272-i89/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.48	18	CL	0.33	0.54	0.29	0.48	0.26	0.41
215	CIG272-i89/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.48	18	CL	0.32	0.54	0.29	0.47	0.26	0.41
216	CIG366-i89/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.47	18	CL	0.22	0.49	0.20	0.43	0.18	0.37
217	CIG366-i89/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.47	18	CL	0.22	0.48	0.20	0.42	0.18	0.37
218	CIG180-i89/Arg 5mm SS	0.197, 0.197	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.48	18	CL	0.49	0.60	0.43	0.52	0.38	0.45
219	CIG180-i89/Arg 6mm SS	0.236, 0.236	0.522	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.48	18	CL	0.47	0.59	0.42	0.52	0.37	0.45
220	SN68/Arg 5mm ZF	0.197, 0.197	0.625	ARG	0.039(2)	ZF-S	N,G	0.51	18	CL	0.31	0.54	0.28	0.47	0.25	0.41
221	SN68/Arg 6mm ZF	0.236, 0.236	0.500	ARG	0.039(2)	ZF-S	N,G	0.51	18	CL	0.31	0.53	0.28	0.47	0.25	0.41
222	SNX62/Arg 5mm ZF	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	0.51	18	CL	0.22	0.49	0.20	0.43	0.18	0.37
223	SNX62/Arg 6mm ZF	0.236, 0.236	0.500	ARG	0.020(2)	ZF-S	N,G	0.50	18	CL	0.22	0.49	0.20	0.43	0.18	0.37
224	SN68-IS20/Arg 5mm ZF	0.197, 0.197	0.625	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.47	17	CL	0.30	0.52	0.27	0.46	0.24	0.40
225	SN68-IS20/Arg 6mm ZF	0.236, 0.236	0.500	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.47	17	CL	0.30	0.52	0.27	0.45	0.24	0.39
226	SNX62-IS20/Arg 5mm ZF	0.197, 0.197	0.625	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.47	17	CL	0.22	0.48	0.19	0.42	0.17	0.36
227	SNX62-IS20/Arg 6mm ZF	0.236, 0.236	0.500	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.46	17	CL	0.22	0.47	0.19	0.41	0.17	0.36
228	6mm Clear/Clear Lami (4mm/090SGP/4mm)/Air A1	0.236, 0.409	0.438	AIR		A1-D	N,G	0.66	17	CL	0.55	0.62	0.49	0.54		
229	6mm SN68/Clear Lami (4mm/090SGP/4mm)/Air A1	0.236, 0.409	0.438	AIR	0.039(2)	A1-D	N,G	0.54	17	CL	0.31	0.53	0.28	0.46		
230	6mm SN68/Clear Lami (4mm/090SGP/4mm)/Arg A1	0.236, 0.409	0.438	ARG	0.039(2)	A1-D	N,G	0.50	17	CL	0.31	0.53	0.27	0.46		
231	6mm SNX62/Clear Lami (4mm/090SGP/4mm)/Arg A1	0.236, 0.409	0.438	ARG	0.020(2)	A1-D	N,G	0.50	17	CL	0.22	0.48	0.20	0.42		
232	6mm Clear/Clear Lami (4mm/090SGP/4mm)/Air G1.5 A1	0.236, 0.409	0.438	AIR		A1-D	G	0.67	17	CL					0.43	0.47
233	6mm SN68/Clear Lami (4mm/090SGP/4mm)/Air G1.5 A1	0.236, 0.409	0.438	AIR	0.039(2)	A1-D	G	0.55	17	CL					0.25	0.40
234	6mm SN68/Clear Lami (4mm/090SGP/4mm)/Arg G1.5 A1	0.236, 0.409	0.438	ARG	0.039(2)	A1-D	G	0.52	17	CL					0.24	0.40
235	6mm SNX62/Clear Lami (4mm/090SGP/4mm)/Arg G1.5 A1	0.236, 0.409	0.438	ARG	0.020(2)	A1-D	G	0.51	17	CL					0.18	0.36

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)

WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22005-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: Series 1070 / 3070 Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum (Non-thermal) (AL)
Sash Type: Aluminum (Non-thermal) (AL)

Product Line ID: FLE-M-79
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 6/3/2022
Simulation Revision Date: 6/3/2022
Report Type: Recertification
Simulation Lab Code: SWWW

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

											No Dividers		Dividers < 1"		Dividers ≥ 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
236	6mm CIG366/Clear Lami (4mm/090SGP/4mm)/Arg SS	0.236, 0.409	0.424	ARG	0.020(2)	SS-D	N,G	**0.50**	**18**	CL	**0.23**	0.49	**0.21**	0.43		
237	6mm CIG272/Clear Lami (4mm/090SGP/4mm)/Arg SS	0.236, 0.409	0.424	ARG	0.042(2)	SS-D	N,G	**0.50**	**18**	CL	**0.33**	0.54	**0.29**	0.48		
238	6mm CIG180/Clear Lami (4mm/090SGP/4mm)/Arg SS	0.236, 0.409	0.424	ARG	0.068(2)	SS-D	N,G	**0.51**	**18**	CL	**0.49**	0.60	**0.43**	0.52		
239	6mm CIG366/Clear Lami (4mm/090SGP/4mm)/Arg G1.5 SS	0.236, 0.409	0.424	ARG	0.020(2)	SS-D	G	**0.51**	**18**	CL					**0.18**	0.37
240	6mm CIG272/Clear Lami (4mm/090SGP/4mm)/Arg G1.5 SS	0.236, 0.409	0.424	ARG	0.042(2)	SS-D	G	**0.52**	**18**	CL					**0.26**	0.41
241	6mm CIG180/Clear Lami (4mm/090SGP/4mm)/Arg G1.5 SS	0.236, 0.409	0.424	ARG	0.068(2)	SS-D	G	**0.52**	**18**	CL					**0.38**	0.45
242	Clear Lami (6mm/090SGP/6mm)	0.535				N	N	**1.01**	**17**	CL	**0.58**	0.66				
243	CIG366 Lami (6mm/090SGP/6mm)	0.535				N	N	**1.01**	**17**	CL	**0.29**	0.45				
244	CIG366/i89 Lami (6mm/090SGP/6mm)	0.539			0.149(2)	N	N	**0.75**	**10**	CL	**0.26**	0.46				
245	SN68 Lami (6mm/090SGP/6mm)	0.532				N	N	**1.00**	**17**	CL	**0.34**	0.52				

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)

WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22005-1A-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: Series 1070 / 3070 Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum (Non-Thermally broken) (AN)
Sash Type: Aluminum (Non-Thermally broken) (AN)

Product Line ID: FLE-M-79
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 6/3/2022
Simulation Revision Date: 9/20/2023
Report Type: Simple Addendum
Simulation Lab Code: SWWW

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

											No Dividers		Dividers < 1"		Dividers > 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
246	Clear/Air 5mm A1 Jamb-Narrow	0.197, 0.197	0.621	AIR		A1-D	N,G	**0.66**	**17**	CL	**0.63**	0.66	**0.56**	0.58	**0.49**	0.50
247	Clear/Air 6mm A1 Jamb-Narrow	0.236, 0.236	0.542	AIR		A1-D	N,G	**0.65**	**17**	CL	**0.62**	0.65	**0.55**	0.57	**0.48**	0.50
248	SN68/Air 5mm A1 Jamb-Narrow	0.197, 0.197	0.621	AIR	0.039(2)	A1-D	N,G	**0.53**	**18**	CL	**0.32**	0.56	**0.29**	0.49	**0.26**	0.42
	sBZ-SN68/Air 5mm A1 Jamb-Narrow	0.197, 0.197	0.601	AIR	0.039(3)	A1-D	N,G	**0.53**	**18**	BZ	**0.29**	0.36	**0.26**	0.32	**0.23**	0.28
249	SN68/Air 6mm A1 Jamb-Narrow	0.236, 0.236	0.542	AIR	0.039(2)	A1-D	N,G	**0.52**	**18**	CL	**0.32**	0.55	**0.29**	0.48	**0.25**	0.42
	sBZ-SN68/Air 6mm A1 Jamb-Narrow	0.236, 0.236	0.538	AIR	0.039(3)	A1-D	N,G	**0.52**	**18**	BZ	**0.27**	0.33	**0.24**	0.29	**0.22**	0.25
250	SN68/Arg 5mm A1 Jamb-Narrow	0.197, 0.197	0.621	ARG	0.039(2)	A1-D	N,G	**0.49**	**18**	CL	**0.32**	0.56	**0.28**	0.49	**0.25**	0.42
251	SN68/Arg 6mm A1 Jamb-Narrow	0.236, 0.236	0.542	ARG	0.039(2)	A1-D	N,G	**0.49**	**18**	CL	**0.32**	0.55	**0.28**	0.48	**0.25**	0.42
252	SNX62/Air 5mm A1 Jamb-Narrow	0.197, 0.197	0.621	AIR	0.020(2)	A1-D	N,G	**0.52**	**18**	CL	**0.23**	0.51	**0.21**	0.44	**0.18**	0.39
253	SNX62/Air 6mm A1 Jamb-Narrow	0.236, 0.236	0.542	AIR	0.020(2)	A1-D	N,G	**0.52**	**18**	CL	**0.23**	0.50	**0.21**	0.44	**0.19**	0.38
254	SNX62/Arg 5mm A1 Jamb-Narrow	0.197, 0.197	0.621	ARG	0.020(2)	A1-D	N,G	**0.49**	**18**	CL	**0.23**	0.51	**0.20**	0.44	**0.18**	0.39
255	SNX62/Arg 6mm A1 Jamb-Narrow	0.236, 0.236	0.542	ARG	0.020(2)	A1-D	N,G	**0.48**	**18**	CL	**0.23**	0.50	**0.20**	0.44	**0.18**	0.38
256	SN68/Arg 5mm TS Jamb-Narrow	0.197, 0.197	0.596	ARG	0.039(2)	TS-D	N,G	**0.49**	**18**	CL	**0.32**	0.56	**0.28**	0.49	**0.25**	0.42
257	SN68/Arg 6mm TS Jamb-Narrow	0.236, 0.236	0.534	ARG	0.039(2)	TS-D	N,G	**0.49**	**18**	CL	**0.32**	0.55	**0.28**	0.48	**0.25**	0.42
258	SNX62/Arg 5mm TS Jamb-Narrow	0.197, 0.197	0.596	ARG	0.020(2)	TS-D	N,G	**0.49**	**18**	CL	**0.23**	0.51	**0.20**	0.44	**0.18**	0.39
259	SNX62/Arg 6mm TS Jamb-Narrow	0.236, 0.236	0.534	ARG	0.020(2)	TS-D	N,G	**0.48**	**18**	CL	**0.23**	0.50	**0.20**	0.44	**0.18**	0.38
260	SN68-IS20/Arg 5mm TS Jamb-Narrow	0.197, 0.197	0.596	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.45**	**17**	CL	**0.31**	0.54	**0.28**	0.47	**0.25**	0.41
261	SN68-IS20/Arg 6mm TS Jamb-Narrow	0.236, 0.236	0.534	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.45**	**17**	CL	**0.31**	0.53	**0.28**	0.47	**0.24**	0.41
262	SNX62-IS20/Arg 5mm TS Jamb-Narrow	0.197, 0.197	0.596	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.44**	**17**	CL	**0.22**	0.49	**0.20**	0.43	**0.18**	0.37
263	SNX62-IS20/Arg 6mm TS Jamb-Narrow	0.236, 0.236	0.534	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.44**	**17**	CL	**0.22**	0.49	**0.20**	0.43	**0.18**	0.37
264	CIG272/Arg 5mm SS Jamb-Narrow	0.197, 0.197	0.632	ARG	0.042(2)	SS-D	N,G	**0.49**	**18**	CL	**0.34**	0.57	**0.31**	0.50	**0.27**	0.44
265	CIG272/Arg 6mm SS Jamb-Narrow	0.236, 0.236	0.522	ARG	0.042(2)	SS-D	N,G	**0.49**	**18**	CL	**0.34**	0.57	**0.30**	0.50	**0.27**	0.43
266	CIG366/Arg 5mm SS Jamb-Narrow	0.197, 0.197	0.632	ARG	0.020(2)	SS-D	N,G	**0.49**	**18**	CL	**0.23**	0.52	**0.21**	0.45	**0.19**	0.39
267	CIG366/Arg 6mm SS Jamb-Narrow	0.236, 0.236	0.522	ARG	0.020(2)	SS-D	N,G	**0.48**	**18**	CL	**0.23**	0.51	**0.21**	0.45	**0.19**	0.39

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)

WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22005-1A-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: Series 1070 / 3070 Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum (Non-Thermally broken) (AN)
Sash Type: Aluminum (Non-Thermally broken) (AN)

Product Line ID: FLE-M-79
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 6/3/2022
Simulation Revision Date: 9/20/2023
Report Type: Simple Addendum
Simulation Lab Code: SWWW

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

												No Dividers		Dividers < 1"		Dividers > 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
268	CIG180/Arg 5mm SS Jamb-Narrow	0.197, 0.197	0.632	ARG	0.068(2)	SS-D	N,G	**0.50**	**18**	CL	**0.52**	0.63	**0.46**	0.56	**0.40**	0.48
269	CIG180/Arg 6mm SS Jamb-Narrow	0.236, 0.236	0.522	ARG	0.068(2)	SS-D	N,G	**0.50**	**18**	CL	**0.50**	0.62	**0.45**	0.55	**0.39**	0.48
270	CIG272-i89/Arg 5mm SS Jamb-Narrow	0.197, 0.197	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.44**	**17**	CL	**0.34**	0.56	**0.30**	0.49	**0.27**	0.43
271	CIG272-i89/Arg 6mm SS Jamb-Narrow	0.236, 0.236	0.522	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.44**	**17**	CL	**0.33**	0.55	**0.30**	0.49	**0.26**	0.42
272	CIG366-i89/Arg 5mm SS Jamb-Narrow	0.197, 0.197	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.44**	**17**	CL	**0.23**	0.50	**0.21**	0.44	**0.18**	0.38
273	CIG366-i89/Arg 6mm SS Jamb-Narrow	0.236, 0.236	0.522	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.44**	**17**	CL	**0.23**	0.50	**0.21**	0.44	**0.18**	0.38
274	CIG180-i89/Arg 5mm SS Jamb-Narrow	0.197, 0.197	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.45**	**17**	CL	**0.50**	0.62	**0.44**	0.54	**0.39**	0.47
275	CIG180-i89/Arg 6mm SS Jamb-Narrow	0.236, 0.236	0.522	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.45**	**17**	CL	**0.49**	0.61	**0.43**	0.53	**0.38**	0.46
276	SN68/Arg 5mm ZF Jamb-Narrow	0.197, 0.197	0.625	ARG	0.039(2)	ZF-S	N,G	**0.49**	**18**	CL	**0.32**	0.56	**0.28**	0.49	**0.25**	0.42
277	SN68/Arg 6mm ZF Jamb-Narrow	0.236, 0.236	0.500	ARG	0.039(2)	ZF-S	N,G	**0.49**	**18**	CL	**0.32**	0.55	**0.28**	0.48	**0.25**	0.42
278	SNX62/Arg 5mm ZF Jamb-Narrow	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	**0.49**	**18**	CL	**0.23**	0.51	**0.20**	0.44	**0.18**	0.39
279	SNX62/Arg 6mm ZF Jamb-Narrow	0.236, 0.236	0.500	ARG	0.020(2)	ZF-S	N,G	**0.48**	**18**	CL	**0.23**	0.50	**0.20**	0.44	**0.18**	0.38
280	SN68-IS20/Arg 5mm ZF Jamb-Narrow	0.197, 0.197	0.625	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.45**	**17**	CL	**0.31**	0.54	**0.28**	0.47	**0.25**	0.41
281	SN68-IS20/Arg 6mm ZF Jamb-Narrow	0.236, 0.236	0.500	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.45**	**17**	CL	**0.31**	0.53	**0.28**	0.47	**0.24**	0.41
282	SNX62-IS20/Arg 5mm ZF Jamb-Narrow	0.197, 0.197	0.625	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.44**	**17**	CL	**0.22**	0.49	**0.20**	0.43	**0.18**	0.37
283	SNX62-IS20/Arg 6mm ZF Jamb-Narrow	0.236, 0.236	0.500	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.44**	**17**	CL	**0.22**	0.49	**0.20**	0.43	**0.18**	0.37
284	6mm Clear/Clear Lami (4mm/090SGP/4mm)/Air A1 Jamb-Narrow	0.236, 0.409	0.438	AIR		A1-D	N,G	**0.65**	**17**	CL	**0.57**	0.64	**0.50**	0.56		
285	6mm SN68/Clear Lami (4mm/090SGP/4mm)/Air A1 Jamb-Narrow	0.236, 0.409	0.438	AIR	0.039(2)	A1-D	N,G	**0.52**	**17**	CL	**0.32**	0.54	**0.28**	0.48		
286	6mm SN68/Clear Lami (4mm/090SGP/4mm)/Arg A1 Jamb-Narrow	0.236, 0.409	0.438	ARG	0.039(2)	A1-D	N,G	**0.48**	**18**	CL	**0.32**	0.54	**0.28**	0.48		
287	6mm SNX62/Clear Lami (4mm/090SGP/4mm)/Arg A1 Jamb-Narrow	0.236, 0.409	0.438	ARG	0.020(2)	A1-D	N,G	**0.48**	**18**	CL	**0.23**	0.49	**0.20**	0.43		
288	6mm Clear/Clear Lami (4mm/090SGP/4mm)/Air G1.5 A1 Jamb-Narrow	0.236, 0.409	0.438	AIR		A1-D	G	**0.65**	**17**	CL					**0.44**	0.49
289	6mm SN68/Clear Lami (4mm/090SGP/4mm)/Air G1.5 A1 Jamb-Narrow	0.236, 0.409	0.438	AIR	0.039(2)	A1-D	G	**0.54**	**17**	CL					**0.25**	0.41
290	6mm SN68/Clear Lami (4mm/090SGP/4mm)/Arg G1.5 A1 Jamb-Narrow	0.236, 0.409	0.438	ARG	0.039(2)	A1-D	G	**0.50**	**18**	CL					**0.25**	0.41
291	6mm SNX62/Clear Lami (4mm/090SGP/4mm)/Arg G1.5 A1 Jamb-Narrow	0.236, 0.409	0.438	ARG	0.020(2)	A1-D	G	**0.49**	**18**	CL					**0.18**	0.38

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)

WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE22005-1A-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: Series 1070 / 3070 Sliding Glass Door
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum (Non-Thermally broken) (AN)
Sash Type: Aluminum (Non-Thermally broken) (AN)

Product Line ID: FLE-M-79
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: 6/3/2022
Simulation Revision Date: 9/20/2023
Report Type: Simple Addendum
Simulation Lab Code: SWWW

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

											No Dividers		Dividers < 1"		Dividers > 1"	
Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	SHGC	VT	SHGC	VT	SHGC	VT
292	6mm CIG366/Clear Lami (4mm/090SGP/4mm)/Arg SS Jamb-Narrow	0.236, 0.409	0.424	ARG	0.020(2)	SS-D	N,G	**0.48**	**18**	CL	**0.24**	0.51	**0.21**	0.44		
293	6mm CIG272/Clear Lami (4mm/090SGP/4mm)/Arg SS Jamb-Narrow	0.236, 0.409	0.424	ARG	0.042(2)	SS-D	N,G	**0.48**	**18**	CL	**0.34**	0.56	**0.30**	0.49		
294	6mm CIG180/Clear Lami (4mm/090SGP/4mm)/Arg SS Jamb-Narrow	0.236, 0.409	0.424	ARG	0.068(2)	SS-D	N,G	**0.49**	**18**	CL	**0.50**	0.62	**0.44**	0.54		
295	6mm CIG366/Clear Lami (4mm/090SGP/4mm)/Arg G1.5 SS Jamb-Narrow	0.236, 0.409	0.424	ARG	0.020(2)	SS-D	G	**0.49**	**18**	CL					**0.19**	0.39
296	6mm CIG272/Clear Lami (4mm/090SGP/4mm)/Arg G1.5 SS Jamb-Narrow	0.236, 0.409	0.424	ARG	0.042(2)	SS-D	G	**0.50**	**18**	CL					**0.27**	0.43
297	6mm CIG180/Clear Lami (4mm/090SGP/4mm)/Arg G1.5 SS Jamb-Narrow	0.236, 0.409	0.424	ARG	0.068(2)	SS-D	G	**0.50**	**18**	CL					**0.39**	0.47
298	Clear Lami (6mm/090SGP/6mm) Jamb-Narrow	0.535				N	N	**1.00**	**16**	CL	**0.59**	0.68				
299	CIG366 Lami (6mm/090SGP/6mm) Jamb-Narrow	0.535				N	N	**1.01**	**16**	CL	**0.30**	0.47				
300	CIG366/i89 Lami (6mm/090SGP/6mm) Jamb-Narrow	0.539			0.149(2)	N	N	**0.73**	**10**	CL	**0.26**	0.48				
301	SN68 Lami (6mm/090SGP/6mm) Jamb-Narrow	0.532				N	N	**1.00**	**16**	CL	**0.35**	0.54				

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)

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WESTLab
An NFRC Accredited Simulation Laboratory

ANSI/NFRC 100/200-2020/NFRC 500-2020 Simulation Report

Manufacturer: **Fleetwood Windows & Doors**

Contact: **Joe Zammit**

Address: 1 Fleetwood Way
Corona, CA 92879

Phone: 951-279-1070

RECERTIFICATION REPORT

WESTLab Report No.: **FLE22005-SS**

WESTLab Report Date: **6/3/2022**

Revision/Addendum Date: **6/3/2022**

NFRC Product Line ID: **FLE-M-79**

Report Type: **Recertification**

Model/Series: **Series 1070 / 3070 Sliding Glass Door**

Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)

Frame Type: Aluminum (Non-thermal) (AL)

Sash Type: Aluminum (Non-thermal) (AL)

Baseline Product for U-Factor Validation Testing:

Description: **Validation Unit Dual Glazed IG:** 6mm Cardinal LE366 (e=0.020, sfc#2), 0.563" 90% Argon-filled Gap, 5mm Clear with Cardinal Endur spacer. The validation unit has an anodized finish. See W7 Option #999 for area weighted calculations.

Simulated U-factor: **0.49**

Test Size (mm): 2000 x 2000 (78.7in. x 78.7in.)

Physical Test Tolerance: *0.44 to 0.54*

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

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.

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