NFRC Product Line Summary (2020 Std)

Simulation Report # **FLE22007-SS**

Manufacturer: **Fleetwood Windows & Doors**
Series/Model: **Series 4070-T Exterior Glazed Sliding Door**
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Product Line ID: FLE-M-109
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: **11/29/2022**
Simulation Revision Date: 11/29/2022
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
262	Clear/Air 5mm A1	0.197, 0.197	0.851	AIR		A1-D	N,G	**0.57**	**38**	CL	**0.60**	0.63	**0.53**	0.55	**0.46**	0.48
263	Clear/Air 6mm A1	0.236, 0.236	0.788	AIR		A1-D	N,G	**0.57**	**38**	CL	**0.59**	0.63	**0.52**	0.55	**0.46**	0.48
264	SN68/Air 5mm A1	0.197, 0.197	0.851	AIR	0.039(2)	A1-D	N,G	**0.45**	**40**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
	sBZ-SN68/Air 5mm A1	0.197, 0.197	0.601	AIR	0.039(3)	A1-D	N,G	**0.45**	**40**	BZ	**0.27**	0.35	**0.24**	0.30	**0.22**	0.26
265	SN68/Air 6mm A1	0.236, 0.236	0.788	AIR	0.039(2)	A1-D	N,G	**0.45**	**40**	CL	**0.30**	0.53	**0.27**	0.46	**0.24**	0.40
	sBZ-SN68/Air 6mm A1	0.236, 0.236	0.538	AIR	0.039(3)	A1-D	N,G	**0.45**	**40**	BZ	**0.26**	0.32	**0.23**	0.28	**0.20**	0.24
266	SN68/Arg 5mm A1	0.197, 0.197	0.851	ARG	0.039(2)	A1-D	N,G	**0.42**	**40**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
267	SN68/Arg 6mm A1	0.236, 0.236	0.788	ARG	0.039(2)	A1-D	N,G	**0.42**	**40**	CL	**0.30**	0.53	**0.27**	0.46	**0.24**	0.40
268	SNX62/Air 5mm A1	0.197, 0.197	0.851	AIR	0.020(2)	A1-D	N,G	**0.45**	**40**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37
269	SNX62/Air 6mm A1	0.236, 0.236	0.788	AIR	0.020(2)	A1-D	N,G	**0.44**	**40**	CL	**0.22**	0.48	**0.19**	0.42	**0.17**	0.37
270	SNX62/Arg 5mm A1	0.197, 0.197	0.851	ARG	0.020(2)	A1-D	N,G	**0.41**	**40**	CL	**0.21**	0.49	**0.19**	0.43	**0.17**	0.37
271	SNX62/Arg 6mm A1	0.236, 0.236	0.788	ARG	0.020(2)	A1-D	N,G	**0.41**	**40**	CL	**0.21**	0.48	**0.19**	0.42	**0.17**	0.37
272	SN68/Arg 5mm TS	0.197, 0.197	0.817	ARG	0.039(2)	TS-D	N,G	**0.40**	**43**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
273	SN68/Arg 6mm TS	0.236, 0.236	0.784	ARG	0.039(2)	TS-D	N,G	**0.40**	**43**	CL	**0.30**	0.53	**0.27**	0.46	**0.24**	0.40
274	SNX62/Arg 5mm TS	0.197, 0.197	0.817	ARG	0.020(2)	TS-D	N,G	**0.40**	**43**	CL	**0.21**	0.49	**0.19**	0.43	**0.17**	0.37
275	SNX62/Arg 6mm TS	0.236, 0.236	0.784	ARG	0.020(2)	TS-D	N,G	**0.39**	**43**	CL	**0.21**	0.48	**0.19**	0.42	**0.17**	0.37
276	SN68-IS20/Arg 5mm TS	0.197, 0.197	0.817	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.36**	**42**	CL	**0.29**	0.52	**0.26**	0.45	**0.23**	0.39
277	SN68-IS20/Arg 6mm TS	0.236, 0.236	0.784	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.36**	**42**	CL	**0.29**	0.51	**0.26**	0.45	**0.23**	0.39
278	SNX62-IS20/Arg 5mm TS	0.197, 0.197	0.817	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.36**	**42**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.36
279	SNX62-IS20/Arg 6mm TS	0.236, 0.236	0.784	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.35**	**42**	CL	**0.21**	0.47	**0.18**	0.41	**0.16**	0.35
280	CIG272/Arg 5mm SS	0.197, 0.197	0.837	ARG	0.042(2)	SS-D	N,G	**0.40**	**43**	CL	**0.33**	0.55	**0.29**	0.48	**0.26**	0.42
281	CIG272/Arg 6mm SS	0.236, 0.236	0.778	ARG	0.042(2)	SS-D	N,G	**0.40**	**43**	CL	**0.32**	0.54	**0.28**	0.48	**0.25**	0.41
282	CIG366/Arg 5mm SS	0.197, 0.197	0.837	ARG	0.020(2)	SS-D	N,G	**0.39**	**43**	CL	**0.22**	0.50	**0.20**	0.44	**0.18**	0.38
283	CIG366/Arg 6mm SS	0.236, 0.236	0.778	ARG	0.020(2)	SS-D	N,G	**0.39**	**43**	CL	**0.22**	0.49	**0.20**	0.43	**0.18**	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)

WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # **FLE22007-SS**

Manufacturer: **Fleetwood Windows & Doors**
Series/Model: **Series 4070-T Exterior Glazed Sliding Door**
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Product Line ID: FLE-M-109
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: **11/29/2022**
Simulation Revision Date: 11/29/2022
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
284	CIG180/Arg 5mm SS	0.197, 0.197	0.837	ARG	0.068(2)	SS-D	N,G	**0.41**	**43**	CL	**0.49**	0.61	**0.44**	0.53	**0.38**	0.46
285	CIG180/Arg 6mm SS	0.236, 0.236	0.778	ARG	0.068(2)	SS-D	N,G	**0.41**	**43**	CL	**0.48**	0.60	**0.42**	0.52	**0.37**	0.45
286	CIG272-i89/Arg 5mm SS	0.197, 0.197	0.837	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.35**	**42**	CL	**0.32**	0.54	**0.28**	0.47	**0.25**	0.41
287	CIG272-i89/Arg 6mm SS	0.236, 0.236	0.778	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.35**	**42**	CL	**0.31**	0.53	**0.28**	0.47	**0.25**	0.40
288	CIG366-i89/Arg 5mm SS	0.197, 0.197	0.837	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.35**	**42**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37
289	CIG366-i89/Arg 6mm SS	0.236, 0.236	0.778	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.35**	**42**	CL	**0.21**	0.48	**0.19**	0.42	**0.17**	0.36
290	CIG180-i89/Arg 5mm SS	0.197, 0.197	0.837	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.36**	**42**	CL	**0.48**	0.59	**0.42**	0.52	**0.37**	0.45
291	CIG180-i89/Arg 6mm SS	0.236, 0.236	0.778	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.36**	**42**	CL	**0.46**	0.59	**0.41**	0.51	**0.36**	0.44
292	SN68/Arg 5mm ZF	0.197, 0.197	0.875	ARG	0.039(2)	ZF-S	N,G	**0.40**	**44**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
293	SN68/Arg 6mm ZF	0.236, 0.236	0.750	ARG	0.039(2)	ZF-S	N,G	**0.39**	**44**	CL	**0.30**	0.53	**0.27**	0.46	**0.24**	0.40
294	SNX62/Arg 5mm ZF	0.197, 0.197	0.875	ARG	0.020(2)	ZF-S	N,G	**0.39**	**44**	CL	**0.21**	0.49	**0.19**	0.43	**0.17**	0.37
295	SNX62/Arg 6mm ZF	0.236, 0.236	0.750	ARG	0.020(2)	ZF-S	N,G	**0.39**	**44**	CL	**0.21**	0.48	**0.19**	0.42	**0.17**	0.37
296	SN68-IS20/Arg 5mm ZF	0.197, 0.197	0.875	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.36**	**43**	CL	**0.29**	0.52	**0.26**	0.45	**0.23**	0.39
297	SN68-IS20/Arg 6mm ZF	0.236, 0.236	0.750	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.35**	**43**	CL	**0.29**	0.51	**0.26**	0.45	**0.23**	0.39
298	SNX62-IS20/Arg 5mm ZF	0.197, 0.197	0.875	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.35**	**43**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.36
299	SNX62-IS20/Arg 6mm ZF	0.236, 0.236	0.750	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.35**	**43**	CL	**0.21**	0.47	**0.18**	0.41	**0.16**	0.35
300	CIG272/Arg/Arg/CIG180 5mm SS	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.042(2) 0.068(5)	SS-D	N,G	**0.30**	**44**	CL	**0.29**	0.48	**0.26**	0.42	**0.23**	0.37
301	CIG272/Arg/Arg/CIG180 6mm SS	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	N,G	**0.31**	**44**	CL	**0.29**	0.47	**0.25**	0.41	**0.22**	0.36
302	CIG272/Arg/Arg/CIG180 6mm SS G 0.75	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	G	**0.32**	**44**	CL			**0.25**	0.41		
303	CIG272/Arg/Arg/CIG180 6mm SS G 1.5	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	G	**0.32**	**44**	CL					**0.22**	0.36
304	CIG272/Arg/CIG180/Arg/i89 5mm SS	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	N,G	**0.28**	**44**	CL	**0.28**	0.47	**0.25**	0.41	**0.22**	0.36
305	CIG272/Arg/CIG180/Arg/i89 6mm SS	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	N,G	**0.29**	**44**	CL	**0.27**	0.46	**0.24**	0.40	**0.22**	0.35
306	CIG272/Arg/CIG180/Arg/i89 6mm SS G 0.75	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**	**44**	CL			**0.24**	0.40		
307	CIG272/Arg/CIG180/Arg/i89 6mm SS G 1.5	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**	**44**	CL					**0.22**	0.35

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 # **FLE22007-SS**

Manufacturer: **Fleetwood Windows & Doors**

Series/Model: **Series 4070-T Exterior Glazed Sliding Door**

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

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

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

Product Line ID: FLE-M-109

Model Size: 2000mm x 2000mm

Frame Abs.: 0.3

Simulation Orig Report Date: **11/29/2022**

Simulation Revision Date: 11/29/2022

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
308	CIG180/Arg/Arg/CIG180 5mm SS	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.068(2) 0.068(5)	SS-D	N,G	**0.30**	**44**	CL	**0.43**	0.53	**0.38**	0.47	**0.33**	0.40
309	CIG180/Arg/Arg/CIG180 6mm SS	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	N,G	**0.31**	**44**	CL	**0.41**	0.52	**0.36**	0.45	**0.32**	0.39
310	CIG180/Arg/Arg/CIG180 6mm SS G 0.75	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	G	**0.32**	**44**	CL			**0.36**	0.45		
311	CIG180/Arg/Arg/CIG180 6mm SS G 1.5	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	G	**0.32**	**44**	CL					**0.32**	0.39
312	CIG180/Arg/CIG180/Arg/i89 5mm SS	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	N,G	**0.28**	**43**	CL	**0.40**	0.52	**0.36**	0.45	**0.31**	0.39
313	CIG180/Arg/CIG180/Arg/i89 6mm SS	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.149(2) 0.068(4) 0.149(6)	SS-D	N,G	**0.30**	**43**	CL	**0.40**	0.52	**0.35**	0.45	**0.31**	0.39
314	CIG180/Arg/CIG180/Arg/i89 6mm SS G 0.75	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.149(2) 0.068(4) 0.149(6)	SS-D	G	**0.31**	**43**	CL			**0.35**	0.45		
315	CIG180/Arg/CIG180/Arg/i89 6mm SS G 1.5	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.149(2) 0.068(4) 0.149(6)	SS-D	G	**0.31**	**43**	CL					**0.31**	0.39
316	SN68/Air/Air/SN68 5mm A1	0.197, 0.197, 0.197	0.444, 0.444	AIR	0.039(2) 0.039(5)	A1-D	N,G	**0.34**	**42**	CL	**0.26**	0.41	**0.23**	0.36	**0.21**	0.31
317	SN68/Air/Air/SN68 6mm A1	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.039(2) 0.039(5)	A1-D	N	**0.35**	**42**	CL	**0.26**	0.40				
318	SN68/Air/Air/SN68 6mm A1 G 0.75	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.039(2) 0.039(5)	A1-D	G	**0.36**	**42**	CL			**0.23**	0.35		
319	SN68/Air/Air/SN68 6mm A1 G 1.5	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.039(2) 0.039(5)	A1-D	G	**0.36**	**42**	CL					**0.20**	0.31
320	SN68/Arg/Arg/SN68 5mm A1	0.197, 0.197, 0.197	0.444, 0.444	ARG	0.039(2) 0.039(5)	A1-D	N,G	**0.31**	**42**	CL	**0.26**	0.41	**0.23**	0.36	**0.20**	0.31
321	SN68/Arg/Arg/SN68 6mm A1	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.039(2) 0.039(5)	A1-D	N	**0.32**	**42**	CL	**0.26**	0.40				
322	SN68/Arg/Arg/SN68 6mm A1 G 0.75	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.039(2) 0.039(5)	A1-D	G	**0.33**	**42**	CL			**0.23**	0.35		
323	SN68/Arg/Arg/SN68 6mm A1 G 1.5	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.039(2) 0.039(5)	A1-D	G	**0.33**	**42**	CL					**0.20**	0.31
324	SNX62/Air/Air/SNX62 5mm A1	0.197, 0.197, 0.197	0.444, 0.444	AIR	0.020(2) 0.020(5)	A1-D	N,G	**0.34**	**42**	CL	**0.19**	0.34	**0.17**	0.30	**0.15**	0.26
325	SNX62/Air/Air/SNX62 6mm A1	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	N	**0.35**	**42**	CL	**0.19**	0.33				
326	SNX62/Air/Air/SNX62 6mm A1 G 0.75	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	G	**0.36**	**42**	CL			**0.17**	0.29		
327	SNX62/Air/Air/SNX62 6mm A1 G 1.5	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	G	**0.36**	**42**	CL					**0.15**	0.25
328	SNX62/Arg/Arg/SNX62 5mm A1	0.197, 0.197, 0.197	0.444, 0.444	ARG	0.020(2) 0.020(5)	A1-D	N,G	**0.31**	**42**	CL	**0.19**	0.34	**0.17**	0.30	**0.15**	0.26
329	SNX62/Arg/Arg/SNX62 6mm A1	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	N	**0.31**	**42**	CL	**0.19**	0.33				
330	SNX62/Arg/Arg/SNX62 6mm A1 G 0.75	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	G	**0.32**	**42**	CL			**0.17**	0.29		
331	SNX62/Arg/Arg/SNX62 6mm A1 G 1.5	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	G	**0.32**	**42**	CL					**0.15**	0.25

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 # **FLE22007-SS**

Manufacturer: **Fleetwood Windows & Doors**
Series/Model: **Series 4070-T Exterior Glazed Sliding Door**
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Product Line ID: FLE-M-109
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: **11/29/2022**
Simulation Revision Date: 11/29/2022
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
332	SN68/Arg/SN68/Arg/IS20 5mm TS	0.197, 0.197, 0.197	0.442, 0.442	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	N,G	**0.29**	**43**	CL	**0.23**	0.40	**0.21**	0.35	**0.18**	0.30
333	SN68/Arg/SN68/Arg/IS20 6mm TS	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	N	**0.29**	**43**	CL	**0.23**	0.39				
334	SN68/Arg/SN68/Arg/IS20 6mm TS G 0.75	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**	**43**	CL			**0.21**	0.34		
335	SN68/Arg/SN68/Arg/IS20 6mm TS G 1.5	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**	**43**	CL					**0.18**	0.30
336	SNX62/Arg/SNX62/Arg/IS20 5mm TS	0.197, 0.197, 0.197	0.442, 0.442	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	N,G	**0.28**	**43**	CL	**0.16**	0.33	**0.14**	0.29	**0.13**	0.25
337	SNX62/Arg/SNX62/Arg/IS20 6mm TS	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**	**43**	CL	**0.16**	0.32				
338	SNX62/Arg/SNX62/Arg/IS20 6mm TS G 0.75	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	G	**0.29**	**43**	CL			**0.14**	0.28		
339	SNX62/Arg/SNX62/Arg/IS20 6mm TS G 1.5	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**	**43**	CL					**0.13**	0.25
340	SN68/Arg/Arg/SN68 5mm ZF	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.039(2) 0.039(5)	ZF-S	N,G	**0.30**	**44**	CL	**0.26**	0.41	**0.23**	0.36	**0.20**	0.31
341	SN68/Arg/Arg/SN68 6mm ZF	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	N	**0.31**	**45**	CL	**0.26**	0.40				
342	SN68/Arg/Arg/SN68 6mm ZF G 0.75	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	G	**0.32**	**45**	CL			**0.23**	0.35		
343	SN68/Arg/Arg/SN68 6mm ZF G 1.5	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	G	**0.32**	**45**	CL					**0.20**	0.31
344	SN68/Arg/SN68/Arg/IS20 5mm ZF	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	N,G	**0.28**	**44**	CL	**0.23**	0.40	**0.21**	0.35	**0.18**	0.30
345	SN68/Arg/SN68/Arg/IS20 6mm ZF	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	N	**0.29**	**44**	CL	**0.23**	0.39				
346	SN68/Arg/SN68/Arg/IS20 6mm ZF G 0.75	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	G	**0.30**	**44**	CL			**0.21**	0.34		
347	SN68/Arg/SN68/Arg/IS20 6mm ZF G 1.5	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	G	**0.30**	**44**	CL					**0.18**	0.30
348	SNX62/Arg/Arg/SNX62 5mm ZF	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.020(2) 0.020(5)	ZF-S	N,G	**0.29**	**44**	CL	**0.19**	0.34	**0.17**	0.30	**0.15**	0.26
349	SNX62/Arg/Arg/SNX62 6mm ZF	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	N	**0.30**	**45**	CL	**0.19**	0.33				
350	SNX62/Arg/Arg/SNX62 6mm ZF G 0.75	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	G	**0.31**	**45**	CL			**0.17**	0.29		
351	SNX62/Arg/Arg/SNX62 6mm ZF G 1.5	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	G	**0.32**	**45**	CL					**0.15**	0.25
352	SNX62/Arg/SNX62/Arg/IS20 5mm ZF	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	N,G	**0.28**	**44**	CL	**0.16**	0.33	**0.14**	0.29	**0.13**	0.25
353	SNX62/Arg/SNX62/Arg/IS20 6mm ZF	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**	**44**	CL	**0.16**	0.32				
354	SNX62/Arg/SNX62/Arg/IS20 6mm ZF G 0.75	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**	**44**	CL			**0.14**	0.28		
355	SNX62/Arg/SNX62/Arg/IS20 6mm ZF G 1.5	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**	**44**	CL					**0.13**	0.25

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 # **FLE22007-SS**

Manufacturer: **Fleetwood Windows & Doors**
Series/Model: **Series 4070-T Exterior Glazed Sliding Door**
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: Aluminum w/ Thermal Breaks - All Members (AT)

Product Line ID: FLE-M-109
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: **11/29/2022**
Simulation Revision Date: 11/29/2022
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
356	CIG366/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.020(2)	SS-D	N,G	**0.39**	**43**	CL	**0.22**	0.48	**0.20**	0.42	**0.18**	0.36
357	CIG366-i89/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.35**	**43**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.36
358	CIG272/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.042(2)	SS-D	N,G	**0.40**	**43**	CL	**0.31**	0.53	**0.28**	0.47	**0.25**	0.40
359	CIG272-i89/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.35**	**43**	CL	**0.30**	0.52	**0.27**	0.46	**0.24**	0.39
360	CIG180/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.068(2)	SS-D	N,G	**0.41**	**43**	CL	**0.46**	0.59	**0.41**	0.51	**0.36**	0.44
361	CIG180-i89/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.36**	**43**	CL	**0.45**	0.57	**0.39**	0.50	**0.35**	0.43
362	Clear/Air 10mm A1-D	0.394, 0.394	0.749	AIR		A1-D	N,G	**0.56**	**39**	CL	**0.55**	0.61	**0.49**	0.53	**0.43**	0.46
363	SN68/Air 10mm A1-D	0.394, 0.394	0.749	AIR	0.039(2)	A1-D	N,G	**0.44**	**40**	CL	**0.29**	0.52	**0.26**	0.45	**0.23**	0.39
	sBZ-SN68/Air 10mm A1-D	0.394, 0.394	0.749	AIR	0.039(3)	A1-D	N,G	**0.44**	**40**	BZ	**0.20**	0.22	**0.18**	0.19	**0.16**	0.16
364	SN68/Arg 10mm A1-D	0.394, 0.394	0.749	ARG	0.039(2)	A1-D	N,G	**0.41**	**41**	CL	**0.29**	0.52	**0.26**	0.45	**0.23**	0.39
365	SNX62/Air 10mm A1-D	0.394, 0.394	0.749	AIR	0.020(2)	A1-D	N,G	**0.44**	**40**	CL	**0.22**	0.47	**0.19**	0.41	**0.17**	0.35
366	SNX62/Arg 10mm A1-D	0.394, 0.394	0.749	ARG	0.020(2)	A1-D	N,G	**0.41**	**41**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.35
367	SN68/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.039(2)	ZF-S	N,G	**0.39**	**44**	CL	**0.29**	0.52	**0.26**	0.45	**0.23**	0.39
368	SN68-IS20/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.35**	**43**	CL	**0.28**	0.50	**0.25**	0.44	**0.22**	0.38
369	SNX62/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.020(2)	ZF-S	N,G	**0.38**	**44**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.35
370	SNX62-IS20/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.35**	**43**	CL	**0.20**	0.45	**0.18**	0.40	**0.16**	0.34
371	SN68-IS20/Arg 10mm TS-D	0.394, 0.394	0.747	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.35**	**42**	CL	**0.28**	0.50	**0.25**	0.44	**0.22**	0.38
372	SNX62-IS20/Arg 10mm TS-D	0.394, 0.394	0.747	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.35**	**42**	CL	**0.20**	0.45	**0.18**	0.40	**0.16**	0.34

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 # **FLE22007-1R-SS**

Manufacturer: **Fleetwood Windows & Doors**

Series/Model: **Series 4070-T Exterior Glazed Sliding Door**

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

Frame Type: Aluminum w/Thermal Breaks (AT)

Sash Type: Aluminum (Non-Tthermally broken) (AN)

Product Line ID: FLE-M-109

Model Size: 2000mm x 2000mm

Frame Abs.: 0.3

Simulation Orig Report Date: **11/29/2022**

Simulation Revision Date: 6/6/2023

Report Type: Revision

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
373	Clear/Air 5mm A1 JB	0.197, 0.197	0.851	AIR		A1-D	N,G	**0.59**	**34**	CL	**0.60**	0.63	**0.53**	0.55	**0.46**	0.48
374	Clear/Air 6mm A1 JB	0.236, 0.236	0.788	AIR		A1-D	N,G	**0.59**	**34**	CL	**0.59**	0.63	**0.52**	0.55	**0.46**	0.48
375	SN68/Air 5mm A1 JB	0.197, 0.197	0.851	AIR	0.039(2)	A1-D	N,G	**0.47**	**34**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
	sBZ-SN68/Air 5mm A1 JB	0.197, 0.197	0.601	AIR	0.039(3)	A1-D	N,G	**0.47**	**34**	BZ	**0.27**	0.35	**0.24**	0.30	**0.22**	0.26
376	SN68/Air 6mm A1 JB	0.236, 0.236	0.788	AIR	0.039(2)	A1-D	N,G	**0.47**	**34**	CL	**0.30**	0.53	**0.27**	0.46	**0.24**	0.40
	sBZ-SN68/Air 6mm A1 JB	0.236, 0.236	0.538	AIR	0.039(3)	A1-D	N,G	**0.47**	**34**	BZ	**0.26**	0.32	**0.23**	0.28	**0.20**	0.24
377	SN68/Arg 5mm A1 JB	0.197, 0.197	0.851	ARG	0.039(2)	A1-D	N,G	**0.44**	**34**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
378	SN68/Arg 6mm A1 JB	0.236, 0.236	0.788	ARG	0.039(2)	A1-D	N,G	**0.43**	**34**	CL	**0.30**	0.53	**0.27**	0.46	**0.24**	0.40
379	SNX62/Air 5mm A1 JB	0.197, 0.197	0.851	AIR	0.020(2)	A1-D	N,G	**0.46**	**34**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37
380	SNX62/Air 6mm A1 JB	0.236, 0.236	0.788	AIR	0.020(2)	A1-D	N,G	**0.46**	**34**	CL	**0.22**	0.48	**0.19**	0.42	**0.17**	0.37
381	SNX62/Arg 5mm A1 JB	0.197, 0.197	0.851	ARG	0.020(2)	A1-D	N,G	**0.43**	**34**	CL	**0.21**	0.49	**0.19**	0.43	**0.17**	0.37
382	SNX62/Arg 6mm A1 JB	0.236, 0.236	0.788	ARG	0.020(2)	A1-D	N,G	**0.43**	**34**	CL	**0.21**	0.48	**0.19**	0.42	**0.17**	0.37
383	SN68/Arg 5mm TS JB	0.197, 0.197	0.817	ARG	0.039(2)	TS-D	N,G	**0.42**	**36**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
384	SN68/Arg 6mm TS JB	0.236, 0.236	0.784	ARG	0.039(2)	TS-D	N,G	**0.42**	**36**	CL	**0.30**	0.53	**0.27**	0.46	**0.24**	0.40
385	SNX62/Arg 5mm TS JB	0.197, 0.197	0.817	ARG	0.020(2)	TS-D	N,G	**0.42**	**36**	CL	**0.21**	0.49	**0.19**	0.43	**0.17**	0.37
386	SNX62/Arg 6mm TS JB	0.236, 0.236	0.784	ARG	0.020(2)	TS-D	N,G	**0.41**	**36**	CL	**0.21**	0.48	**0.19**	0.42	**0.17**	0.37
387	SN68-IS20/Arg 5mm TS JB	0.197, 0.197	0.817	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.38**	**35**	CL	**0.29**	0.52	**0.26**	0.45	**0.23**	0.39
388	SN68-IS20/Arg 6mm TS JB	0.236, 0.236	0.784	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.38**	**35**	CL	**0.29**	0.51	**0.26**	0.45	**0.23**	0.39
389	SNX62-IS20/Arg 5mm TS JB	0.197, 0.197	0.817	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.38**	**35**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.36
390	SNX62-IS20/Arg 6mm TS JB	0.236, 0.236	0.784	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.37**	**35**	CL	**0.21**	0.47	**0.18**	0.41	**0.16**	0.35
391	CIG272/Arg 5mm SS JB	0.197, 0.197	0.837	ARG	0.042(2)	SS-D	N,G	**0.42**	**36**	CL	**0.33**	0.55	**0.29**	0.48	**0.26**	0.42
392	CIG272/Arg 6mm SS JB	0.236, 0.236	0.778	ARG	0.042(2)	SS-D	N,G	**0.42**	**36**	CL	**0.32**	0.54	**0.28**	0.48	**0.25**	0.41
393	CIG366/Arg 5mm SS JB	0.197, 0.197	0.837	ARG	0.020(2)	SS-D	N,G	**0.42**	**36**	CL	**0.22**	0.50	**0.20**	0.44	**0.18**	0.38
394	CIG366/Arg 6mm SS JB	0.236, 0.236	0.778	ARG	0.020(2)	SS-D	N,G	**0.41**	**36**	CL	**0.22**	0.49	**0.20**	0.43	**0.18**	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)

WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # **FLE22007-1R-SS**

Manufacturer: **Fleetwood Windows & Doors**

Series/Model: **Series 4070-T Exterior Glazed Sliding Door**

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

Frame Type: Aluminum w/Thermal Breaks (AT)

Sash Type: Aluminum (Non-Tthermally broken) (AN)

Product Line ID: FLE-M-109

Model Size: 2000mm x 2000mm

Frame Abs.: 0.3

Simulation Orig Report Date: **11/29/2022**

Simulation Revision Date: 6/6/2023

Report Type: Revision

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
395	CIG180/Arg 5mm SS JB	0.197, 0.197	0.837	ARG	0.068(2)	SS-D	N,G	**0.43**	**36**	CL	**0.49**	0.61	**0.44**	0.53	**0.38**	0.46
396	CIG180/Arg 6mm SS JB	0.236, 0.236	0.778	ARG	0.068(2)	SS-D	N,G	**0.43**	**36**	CL	**0.48**	0.60	**0.42**	0.52	**0.37**	0.45
397	CIG272-i89/Arg 5mm SS JB	0.197, 0.197	0.837	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.37**	**35**	CL	**0.32**	0.54	**0.28**	0.47	**0.25**	0.41
398	CIG272-i89/Arg 6mm SS JB	0.236, 0.236	0.778	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.37**	**35**	CL	**0.31**	0.53	**0.28**	0.47	**0.25**	0.40
399	CIG366-i89/Arg 5mm SS JB	0.197, 0.197	0.837	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.37**	**35**	CL	**0.22**	0.49	**0.19**	0.43	**0.17**	0.37
400	CIG366-i89/Arg 6mm SS JB	0.236, 0.236	0.778	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.37**	**35**	CL	**0.21**	0.48	**0.19**	0.42	**0.17**	0.36
401	CIG180-i89/Arg 5mm SS JB	0.197, 0.197	0.837	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.38**	**35**	CL	**0.48**	0.59	**0.42**	0.52	**0.37**	0.45
402	CIG180-i89/Arg 6mm SS JB	0.236, 0.236	0.778	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.38**	**35**	CL	**0.46**	0.59	**0.41**	0.51	**0.36**	0.44
403	SN68/Arg 5mm ZF JB	0.197, 0.197	0.875	ARG	0.039(2)	ZF-S	N,G	**0.42**	**36**	CL	**0.30**	0.54	**0.27**	0.47	**0.24**	0.41
404	SN68/Arg 6mm ZF JB	0.236, 0.236	0.750	ARG	0.039(2)	ZF-S	N,G	**0.41**	**36**	CL	**0.30**	0.53	**0.27**	0.46	**0.24**	0.40
405	SNX62/Arg 5mm ZF JB	0.197, 0.197	0.875	ARG	0.020(2)	ZF-S	N,G	**0.41**	**36**	CL	**0.21**	0.49	**0.19**	0.43	**0.17**	0.37
406	SNX62/Arg 6mm ZF JB	0.236, 0.236	0.750	ARG	0.020(2)	ZF-S	N,G	**0.41**	**36**	CL	**0.21**	0.48	**0.19**	0.42	**0.17**	0.37
407	SN68-IS20/Arg 5mm ZF JB	0.197, 0.197	0.875	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.38**	**36**	CL	**0.29**	0.52	**0.26**	0.45	**0.23**	0.39
408	SN68-IS20/Arg 6mm ZF JB	0.236, 0.236	0.750	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.37**	**36**	CL	**0.29**	0.51	**0.26**	0.45	**0.23**	0.39
409	SNX62-IS20/Arg 5mm ZF JB	0.197, 0.197	0.875	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.37**	**36**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.36
410	SNX62-IS20/Arg 6mm ZF JB	0.236, 0.236	0.750	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.37**	**36**	CL	**0.21**	0.47	**0.18**	0.41	**0.16**	0.35
411	CIG272/Arg/Arg/CIG180 5mm SS JB	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.042(2) 0.068(5)	SS-D	N,G	**0.32**	**37**	CL	**0.29**	0.48	**0.26**	0.42	**0.23**	0.37
412	CIG272/Arg/Arg/CIG180 6mm SS JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	N,G	**0.33**	**37**	CL	**0.29**	0.47	**0.25**	0.41	**0.22**	0.36
413	CIG272/Arg/Arg/CIG180 6mm SS G 0.75 JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	G	**0.34**	**37**	CL			**0.25**	0.41		
414	CIG272/Arg/Arg/CIG180 6mm SS G 1.5 JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	G	**0.34**	**37**	CL					**0.22**	0.36
415	CIG272/Arg/CIG180/Arg/i89 5mm SS JB	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	N,G	**0.30**	**36**	CL	**0.28**	0.47	**0.25**	0.41	**0.22**	0.36
416	CIG272/Arg/CIG180/Arg/i89 6mm SS JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	N,G	**0.31**	**36**	CL	**0.27**	0.46	**0.24**	0.40	**0.22**	0.35
417	CIG272/Arg/CIG180/Arg/i89 6mm SS G 0.75 JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	G	**0.32**	**36**	CL			**0.24**	0.40		
418	CIG272/Arg/CIG180/Arg/i89 6mm SS G 1.5 JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	G	**0.32**	**36**	CL					**0.22**	0.35

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 # **FLE22007-1R-SS**

Manufacturer: **Fleetwood Windows & Doors**
Series/Model: **Series 4070-T Exterior Glazed Sliding Door**
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/Thermal Breaks (AT)
Sash Type: Aluminum (Non-Tthermally broken) (AN)

Product Line ID: FLE-M-109
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: **11/29/2022**
Simulation Revision Date: 6/6/2023
Report Type: Revision
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
419	CIG180/Arg/Arg/CIG180 5mm SS JB	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.068(2) 0.068(5)	SS-D	N,G	**0.32**	**37**	CL	**0.43**	0.53	**0.38**	0.47	**0.33**	0.40
420	CIG180/Arg/Arg/CIG180 6mm SS JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	N,G	**0.33**	**37**	CL	**0.41**	0.52	**0.36**	0.45	**0.32**	0.39
421	CIG180/Arg/Arg/CIG180 6mm SS G 0.75 JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	G	**0.34**	**37**	CL			**0.36**	0.45		
422	CIG180/Arg/Arg/CIG180 6mm SS G 1.5 JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	G	**0.34**	**37**	CL					**0.32**	0.39
423	CIG180/Arg/CIG180/Arg/i89 5mm SS JB	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	N,G	**0.30**	**36**	CL	**0.40**	0.52	**0.36**	0.45	**0.31**	0.39
424	CIG180/Arg/CIG180/Arg/i89 6mm SS JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.149(2) 0.068(4) 0.149(6)	SS-D	N,G	**0.32**	**36**	CL	**0.40**	0.52	**0.35**	0.45	**0.31**	0.39
425	CIG180/Arg/CIG180/Arg/i89 6mm SS G 0.75 JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.149(2) 0.068(4) 0.149(6)	SS-D	G	**0.33**	**36**	CL			**0.35**	0.45		
426	CIG180/Arg/CIG180/Arg/i89 6mm SS G 1.5 JB	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.149(2) 0.068(4) 0.149(6)	SS-D	G	**0.33**	**36**	CL					**0.31**	0.39
427	SN68/Air/Air/SN68 5mm A1 JB	0.197, 0.197, 0.197	0.444, 0.444	AIR	0.039(2) 0.039(5)	A1-D	N,G	**0.36**	**35**	CL	**0.26**	0.41	**0.23**	0.36	**0.21**	0.31
428	SN68/Air/Air/SN68 6mm A1 JB	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.039(2) 0.039(5)	A1-D	N	**0.37**	**36**	CL	**0.26**	0.40				
429	SN68/Air/Air/SN68 6mm A1 G 0.75 JB	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.039(2) 0.039(5)	A1-D	G	**0.38**	**36**	CL			**0.23**	0.35		
430	SN68/Air/Air/SN68 6mm A1 G 1.5 JB	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.039(2) 0.039(5)	A1-D	G	**0.38**	**36**	CL					**0.20**	0.31
431	SN68/Arg/Arg/SN68 5mm A1 JB	0.197, 0.197, 0.197	0.444, 0.444	ARG	0.039(2) 0.039(5)	A1-D	N,G	**0.33**	**36**	CL	**0.26**	0.41	**0.23**	0.36	**0.20**	0.31
432	SN68/Arg/Arg/SN68 6mm A1 JB	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.039(2) 0.039(5)	A1-D	N	**0.34**	**36**	CL	**0.26**	0.40				
433	SN68/Arg/Arg/SN68 6mm A1 G 0.75 JB	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.039(2) 0.039(5)	A1-D	G	**0.35**	**36**	CL			**0.23**	0.35		
434	SN68/Arg/Arg/SN68 6mm A1 G 1.5 JB	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.039(2) 0.039(5)	A1-D	G	**0.35**	**36**	CL					**0.20**	0.31
435	SNX62/Air/Air/SNX62 5mm A1 JB	0.197, 0.197, 0.197	0.444, 0.444	AIR	0.020(2) 0.020(5)	A1-D	N,G	**0.35**	**35**	CL	**0.19**	0.34	**0.17**	0.30	**0.15**	0.26
436	SNX62/Air/Air/SNX62 6mm A1 JB	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	N	**0.36**	**36**	CL	**0.19**	0.33				
437	SNX62/Air/Air/SNX62 6mm A1 G 0.75 JB	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	G	**0.37**	**36**	CL			**0.17**	0.29		
438	SNX62/Air/Air/SNX62 6mm A1 G 1.5 JB	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	G	**0.38**	**36**	CL					**0.15**	0.25
439	SNX62/Arg/Arg/SNX62 5mm A1 JB	0.197, 0.197, 0.197	0.444, 0.444	ARG	0.020(2) 0.020(5)	A1-D	N,G	**0.33**	**36**	CL	**0.19**	0.34	**0.17**	0.30	**0.15**	0.26
440	SNX62/Arg/Arg/SNX62 6mm A1 JB	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	N	**0.33**	**36**	CL	**0.19**	0.33				
441	SNX62/Arg/Arg/SNX62 6mm A1 G 0.75 JB	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	G	**0.34**	**36**	CL			**0.17**	0.29		
442	SNX62/Arg/Arg/SNX62 6mm A1 G 1.5 JB	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	G	**0.34**	**36**	CL					**0.15**	0.25

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 # **FLE22007-1R-SS**

Manufacturer: **Fleetwood Windows & Doors**
Series/Model: **Series 4070-T Exterior Glazed Sliding Door**
Operator Type: Sliding Glass Door-Sliding Glass Door (XX or OX)
Frame Type: Aluminum w/Thermal Breaks (AT)
Sash Type: Aluminum (Non-Tthermally broken) (AN)

Product Line ID: FLE-M-109
Model Size: 2000mm x 2000mm
Frame Abs.: 0.3

Simulation Orig Report Date: **11/29/2022**
Simulation Revision Date: 6/6/2023
Report Type: Revision
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
443	SN68/Arg/SN68/Arg/IS20 5mm TS JB	0.197, 0.197, 0.197	0.442, 0.442	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	N,G	**0.31**	**36**	CL	**0.23**	0.40	**0.21**	0.35	**0.18**	0.30
444	SN68/Arg/SN68/Arg/IS20 6mm TS JB	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	N	**0.31**	**36**	CL	**0.23**	0.39				
445	SN68/Arg/SN68/Arg/IS20 6mm TS G 0.75 JB	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	G	**0.32**	**36**	CL			**0.21**	0.34		
446	SN68/Arg/SN68/Arg/IS20 6mm TS G 1.5 JB	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	G	**0.32**	**36**	CL					**0.18**	0.30
447	SNX62/Arg/SNX62/Arg/IS20 5mm TS JB	0.197, 0.197, 0.197	0.442, 0.442	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	N,G	**0.30**	**36**	CL	**0.16**	0.33	**0.14**	0.29	**0.13**	0.25
448	SNX62/Arg/SNX62/Arg/IS20 6mm TS JB	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	N	**0.31**	**36**	CL	**0.16**	0.32				
449	SNX62/Arg/SNX62/Arg/IS20 6mm TS G 0.75 JB	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	G	**0.31**	**36**	CL			**0.14**	0.28		
450	SNX62/Arg/SNX62/Arg/IS20 6mm TS G 1.5 JB	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	G	**0.31**	**36**	CL					**0.13**	0.25
451	SN68/Arg/Arg/SN68 5mm ZF JB	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.039(2) 0.039(5)	ZF-S	N,G	**0.32**	**37**	CL	**0.26**	0.41	**0.23**	0.36	**0.20**	0.31
452	SN68/Arg/Arg/SN68 6mm ZF JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	N	**0.33**	**37**	CL	**0.26**	0.40				
453	SN68/Arg/Arg/SN68 6mm ZF G 0.75 JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	G	**0.34**	**37**	CL			**0.23**	0.35		
454	SN68/Arg/Arg/SN68 6mm ZF G 1.5 JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	G	**0.34**	**37**	CL					**0.20**	0.31
455	SN68/Arg/SN68/Arg/IS20 5mm ZF JB	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	N,G	**0.30**	**36**	CL	**0.23**	0.40	**0.21**	0.35	**0.18**	0.30
456	SN68/Arg/SN68/Arg/IS20 6mm ZF JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	N	**0.31**	**36**	CL	**0.23**	0.39				
457	SN68/Arg/SN68/Arg/IS20 6mm ZF G 0.75 JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	G	**0.32**	**36**	CL			**0.21**	0.34		
458	SN68/Arg/SN68/Arg/IS20 6mm ZF G 1.5 JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	G	**0.32**	**36**	CL					**0.18**	0.30
459	SNX62/Arg/Arg/SNX62 5mm ZF JB	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.020(2) 0.020(5)	ZF-S	N,G	**0.31**	**37**	CL	**0.19**	0.34	**0.17**	0.30	**0.15**	0.26
460	SNX62/Arg/Arg/SNX62 6mm ZF JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	N	**0.32**	**37**	CL	**0.19**	0.33				
461	SNX62/Arg/Arg/SNX62 6mm ZF G 0.75 JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	G	**0.34**	**37**	CL			**0.17**	0.29		
462	SNX62/Arg/Arg/SNX62 6mm ZF G 1.5 JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	G	**0.34**	**37**	CL					**0.15**	0.25
463	SNX62/Arg/SNX62/Arg/IS20 5mm ZF JB	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	N,G	**0.30**	**37**	CL	**0.16**	0.33	**0.14**	0.29	**0.13**	0.25
464	SNX62/Arg/SNX62/Arg/IS20 6mm ZF JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	N	**0.31**	**36**	CL	**0.16**	0.32				
465	SNX62/Arg/SNX62/Arg/IS20 6mm ZF G 0.75 JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	G	**0.32**	**36**	CL			**0.14**	0.28		
466	SNX62/Arg/SNX62/Arg/IS20 6mm ZF G 1.5 JB	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	G	**0.32**	**36**	CL					**0.13**	0.25

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 # **FLE22007-1R-SS**

Manufacturer: **Fleetwood Windows & Doors**

Series/Model: **Series 4070-T Exterior Glazed Sliding Door**

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

Frame Type: Aluminum w/Thermal Breaks (AT)

Sash Type: Aluminum (Non-Tthermally broken) (AN)

Product Line ID: FLE-M-109

Model Size: 2000mm x 2000mm

Frame Abs.: 0.3

Simulation Orig Report Date: **11/29/2022**

Simulation Revision Date: 6/6/2023

Report Type: Revision

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
467	CIG366/Arg 8mm SS-D JB	0.315, 0.315	0.837	ARG	0.020(2)	SS-D	N,G	**0.41**	**36**	CL	**0.22**	0.48	**0.20**	0.42	**0.18**	0.36
468	CIG366-i89/Arg 8mm SS-D JB	0.315, 0.315	0.837	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.37**	**36**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.36
469	CIG272/Arg 8mm SS-D JB	0.315, 0.315	0.837	ARG	0.042(2)	SS-D	N,G	**0.42**	**36**	CL	**0.31**	0.53	**0.28**	0.47	**0.25**	0.40
470	CIG272-i89/Arg 8mm SS-D JB	0.315, 0.315	0.837	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.37**	**36**	CL	**0.30**	0.52	**0.27**	0.46	**0.24**	0.39
471	CIG180/Arg 8mm SS-D JB	0.315, 0.315	0.837	ARG	0.068(2)	SS-D	N,G	**0.43**	**36**	CL	**0.46**	0.59	**0.41**	0.51	**0.36**	0.44
472	CIG180-i89/Arg 8mm SS-D JB	0.315, 0.315	0.837	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.38**	**36**	CL	**0.45**	0.57	**0.39**	0.50	**0.35**	0.43
473	Clear/Air 10mm A1-D JB	0.394, 0.394	0.749	AIR		A1-D	N,G	**0.58**	**34**	CL	**0.55**	0.61	**0.49**	0.53	**0.43**	0.46
474	SN68/Air 10mm A1-D JB	0.394, 0.394	0.749	AIR	0.039(2)	A1-D	N,G	**0.46**	**35**	CL	**0.29**	0.52	**0.26**	0.45	**0.23**	0.39
	sBZ-SN68/Air 10mm A1-D JB	0.394, 0.394	0.749	AIR	0.039(3)	A1-D	N,G	**0.46**	**35**	BZ	**0.20**	0.22	**0.18**	0.19	**0.16**	0.16
475	SN68/Arg 10mm A1-D JB	0.394, 0.394	0.749	ARG	0.039(2)	A1-D	N,G	**0.43**	**35**	CL	**0.29**	0.52	**0.26**	0.45	**0.23**	0.39
476	SNX62/Air 10mm A1-D JB	0.394, 0.394	0.749	AIR	0.020(2)	A1-D	N,G	**0.46**	**35**	CL	**0.22**	0.47	**0.19**	0.41	**0.17**	0.35
477	SNX62/Arg 10mm A1-D JB	0.394, 0.394	0.749	ARG	0.020(2)	A1-D	N,G	**0.42**	**35**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.35
478	SN68/Arg 10mm ZF-S JB	0.394, 0.394	0.750	ARG	0.039(2)	ZF-S	N,G	**0.41**	**37**	CL	**0.29**	0.52	**0.26**	0.45	**0.23**	0.39
479	SN68-IS20/Arg 10mm ZF-S JB	0.394, 0.394	0.750	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.37**	**36**	CL	**0.28**	0.50	**0.25**	0.44	**0.22**	0.38
480	SNX62/Arg 10mm ZF-S JB	0.394, 0.394	0.750	ARG	0.020(2)	ZF-S	N,G	**0.41**	**37**	CL	**0.21**	0.47	**0.19**	0.41	**0.17**	0.35
481	SNX62-IS20/Arg 10mm ZF-S JB	0.394, 0.394	0.750	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.37**	**36**	CL	**0.20**	0.45	**0.18**	0.40	**0.16**	0.34
482	SN68-IS20/Arg 10mm TS-D JB	0.394, 0.394	0.747	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.37**	**36**	CL	**0.28**	0.50	**0.25**	0.44	**0.22**	0.38
483	SNX62-IS20/Arg 10mm TS-D JB	0.394, 0.394	0.747	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.37**	**36**	CL	**0.20**	0.45	**0.18**	0.40	**0.16**	0.34

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

WESTLab
An NFRC Accredited Simulation Laboratory

ANSI/NFRC 100/200-2020/NFRC 500-2017 Simulation Report

Manufacturer: **Fleetwood Windows & Doors**

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RECERTIFICATION REPORT

WESTLab Report No.: **FLE22007-SS**

WESTLab Report Date: **11/29/2022**

Revision/Addendum Date: **11/29/2022**

NFRC Product Line ID: **FLE-M-109**

Report Type: **Recertification**

Model/Series: **Series 4070-T Exterior Glazed Sliding Door**

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

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: **No Validation Unit required:** This product validates with FLE-M-110 Series 4070-T Interior Glazed Sliding Door. See WESTLab report FLE22008-SS for validation product details.

Simulated U-factor: **0.29**

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

Physical Test Tolerance: *0.26 to 0.32*

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 500-2017, 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 Certificate of Authorization (CA) 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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