NFRC Product Line Summary (2020 Std)

Simulation Report # FLE21012-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: (Formerly Series 250-T) Series 350-T Picture Window (TB)
Operator Type: Fixed-4-Sided
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-93
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 12/16/2021
Simulation Revision Date: 12/16/2021
Report Type: Recertification
Simulation Lab Code: SWWC

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
381	Clear/Air 5mm	0.197, 0.197	0.601	AIR		A1-D	N,G	**0.54**	**28**	CL	**0.66**	0.70	**0.59**	0.62	**0.53**	0.56
382	Clear/Air 6mm	0.236, 0.236	0.538	AIR		A1-D	N,G	**0.54**	**28**	CL	**0.65**	0.69	**0.58**	0.62	**0.52**	0.55
383	Clear/Arg 5mm	0.197, 0.197	0.601	ARG		A1-D	N,G	**0.52**	**28**	CL	**0.66**	0.70	**0.59**	0.62	**0.53**	0.56
384	Clear/Arg 6mm	0.236, 0.236	0.538	ARG		A1-D	N,G	**0.52**	**28**	CL	**0.65**	0.69	**0.58**	0.62	**0.52**	0.55
385	SN68/Air 5mm	0.197, 0.197	0.601	AIR	0.039(2)	A1-D	N,G	**0.40**	**29**	CL	**0.33**	0.59	**0.30**	0.53	**0.27**	0.47
	sBZ-SN68/Air 5mm	0.197, 0.197	0.601	AIR	0.039(3)	A1-D	N,G	**0.40**	**29**	BZ	**0.30**	0.38	**0.27**	0.34	**0.24**	0.31
386	SN68/Air 6mm	0.236, 0.236	0.538	AIR	0.039(2)	A1-D	N,G	**0.40**	**29**	CL	**0.33**	0.58	**0.30**	0.52	**0.27**	0.47
	sBZ-SN68/Air 6mm	0.236, 0.236	0.538	AIR	0.039(3)	A1-D	N,G	**0.40**	**29**	BZ	**0.28**	0.35	**0.25**	0.31	**0.23**	0.28
387	SN68/Arg 5mm	0.197, 0.197	0.601	ARG	0.039(2)	A1-D	N,G	**0.36**	**29**	CL	**0.33**	0.59	**0.30**	0.53	**0.27**	0.47
388	SN68/Arg 6mm	0.236, 0.236	0.538	ARG	0.039(2)	A1-D	N,G	**0.36**	**29**	CL	**0.33**	0.58	**0.30**	0.52	**0.27**	0.47
389	SNX62/Air 5mm	0.197, 0.197	0.601	AIR	0.020(2)	A1-D	N,G	**0.40**	**29**	CL	**0.23**	0.53	**0.21**	0.48	**0.19**	0.43
390	SNX62/Air 6mm	0.236, 0.236	0.538	AIR	0.020(2)	A1-D	N,G	**0.39**	**29**	CL	**0.24**	0.53	**0.22**	0.47	**0.20**	0.42
391	SNX62/Arg 5mm	0.197, 0.197	0.601	ARG	0.020(2)	A1-D	N,G	**0.36**	**29**	CL	**0.23**	0.53	**0.21**	0.48	**0.19**	0.43
392	SNX62/Arg 6mm	0.236, 0.236	0.538	ARG	0.020(2)	A1-D	N,G	**0.35**	**29**	CL	**0.23**	0.53	**0.21**	0.47	**0.19**	0.42
393	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	**0.29**	**31**	CL	**0.28**	0.45	**0.26**	0.40	**0.23**	0.36
394	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	**0.26**	**32**	CL	**0.28**	0.45	**0.26**	0.40	**0.23**	0.36
395	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	**0.29**	**31**	CL	**0.20**	0.37	**0.19**	0.33	**0.17**	0.30
396	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	**0.26**	**32**	CL	**0.20**	0.37	**0.18**	0.33	**0.17**	0.30
397	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	**0.30**	**32**	CL	**0.28**	0.44				
398	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	**0.27**	**32**	CL	**0.28**	0.44				
399	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	**0.31**	**32**	CL			**0.26**	0.40		
400	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	**0.28**	**32**	CL			**0.25**	0.40		
401	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	**0.31**	**32**	CL					**0.23**	0.35
402	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	**0.28**	**32**	CL					**0.23**	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, Sec. 4.4)

WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE21012-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: (Formerly Series 250-T) Series 350-T Picture Window (TB)
Operator Type: Fixed-4-Sided
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-93
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 12/16/2021
Simulation Revision Date: 12/16/2021
Report Type: Recertification
Simulation Lab Code: SWWC

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
403	SNX62/Air/Clr/Air/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	N	**0.30**	**32**	CL	**0.20**	0.37				
404	SNX62/Arg/Clr/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	N	**0.26**	**32**	CL	**0.20**	0.37				
405	SNX62/Air/Clr/Air/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	G	**0.31**	**32**	CL			**0.19**	0.33		
406	SNX62/Arg/Clr/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	G	**0.27**	**32**	CL			**0.18**	0.33		
407	SNX62/Air/Clr/Air/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	AIR	0.020(2) 0.020(5)	A1-D	G	**0.31**	**32**	CL					**0.17**	0.29
408	SNX62/Arg/Clr/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.397, 0.397	ARG	0.020(2) 0.020(5)	A1-D	G	**0.27**	**32**	CL					**0.17**	0.29
409	SN68/Air 5mm	0.197, 0.197	0.596	AIR	0.039(2)	TS-D	N,G	**0.39**	**31**	CL	**0.33**	0.59	**0.30**	0.53	**0.27**	0.47
410	SN68/Air 6mm	0.236, 0.236	0.534	AIR	0.039(2)	TS-D	N,G	**0.39**	**31**	CL	**0.33**	0.58	**0.30**	0.52	**0.27**	0.47
411	SN68/Arg 5mm	0.197, 0.197	0.596	ARG	0.039(2)	TS-D	N,G	**0.35**	**31**	CL	**0.33**	0.59	**0.30**	0.53	**0.27**	0.47
412	SN68/Arg 6mm	0.236, 0.236	0.534	ARG	0.039(2)	TS-D	N,G	**0.35**	**31**	CL	**0.33**	0.58	**0.30**	0.52	**0.27**	0.47
413	SNX62/Air 5mm	0.197, 0.197	0.596	AIR	0.020(2)	TS-D	N,G	**0.39**	**31**	CL	**0.24**	0.53	**0.21**	0.48	**0.19**	0.43
414	SNX62/Air 6mm	0.236, 0.236	0.534	AIR	0.020(2)	TS-D	N,G	**0.38**	**31**	CL	**0.24**	0.53	**0.22**	0.47	**0.20**	0.42
415	SNX62/Arg 5mm	0.197, 0.197	0.596	ARG	0.020(2)	TS-D	N,G	**0.35**	**31**	CL	**0.23**	0.53	**0.21**	0.48	**0.19**	0.43
416	SNX62/Arg 6mm	0.236, 0.236	0.534	ARG	0.020(2)	TS-D	N,G	**0.34**	**31**	CL	**0.23**	0.53	**0.21**	0.47	**0.19**	0.42
417	SN68-IS20/Air 5mm	0.197, 0.197	0.596	AIR	0.039(2) 0.198(4)	TS-D	N,G	**0.33**	**30**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.46
418	SN68-IS20/Air 6mm	0.236, 0.236	0.534	AIR	0.039(2) 0.198(4)	TS-D	N,G	**0.33**	**29**	CL	**0.32**	0.56	**0.29**	0.51	**0.26**	0.45
419	SN68-IS20/Arg 5mm	0.197, 0.197	0.596	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.31**	**30**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.46
420	SN68-IS20/Arg 6mm	0.236, 0.236	0.534	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.31**	**30**	CL	**0.32**	0.56	**0.29**	0.51	**0.26**	0.45
421	SNX62-IS20/Air 5mm	0.197, 0.197	0.596	AIR	0.020(2) 0.198(4)	TS-D	N,G	**0.33**	**30**	CL	**0.23**	0.52	**0.21**	0.46	**0.19**	0.41
422	SNX62-IS20/Air 6mm	0.236, 0.236	0.534	AIR	0.020(2) 0.198(4)	TS-D	N,G	**0.33**	**29**	CL	**0.23**	0.51	**0.21**	0.46	**0.19**	0.41
423	SNX62-IS20/Arg 5mm	0.197, 0.197	0.596	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.30**	**30**	CL	**0.22**	0.52	**0.21**	0.46	**0.19**	0.41
424	SNX62-IS20/Arg 6mm	0.236, 0.236	0.534	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.30**	**30**	CL	**0.22**	0.51	**0.21**	0.46	**0.19**	0.41
425	SN68/Air/Clr/Air/SN68 5mm	0.197, 0.197, 0.197	0.440, 0.440	AIR	0.039(2) 0.039(5)	TS-D	N,G	**0.28**	**33**	CL	**0.28**	0.45	**0.26**	0.40	**0.23**	0.36
426	SN68/Arg/Clr/Arg/SN68 5mm	0.197, 0.197, 0.197	0.440, 0.440	ARG	0.039(2) 0.039(5)	TS-D	N,G	**0.25**	**33**	CL	**0.28**	0.45	**0.26**	0.40	**0.23**	0.36

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WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE21012-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: (Formerly Series 250-T) Series 350-T Picture Window (TB)
Operator Type: Fixed-4-Sided
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-93
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 12/16/2021
Simulation Revision Date: 12/16/2021
Report Type: Recertification
Simulation Lab Code: SWWC

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
427	SNX62/Air/Clr/Air/SNX62 5mm	0.197, 0.197, 0.197	0.440, 0.440	AIR	0.020(2) 0.020(5)	TS-D	N,G	**0.28**	**33**	CL	**0.20**	0.37	**0.19**	0.33	**0.17**	0.30
428	SNX62/Arg/Clr/Arg/SNX62 5mm	0.197, 0.197, 0.197	0.440, 0.440	ARG	0.020(2) 0.020(5)	TS-D	N,G	**0.25**	**33**	CL	**0.20**	0.37	**0.18**	0.33	**0.17**	0.30
429	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	**0.26**	**32**	CL	**0.25**	0.44	**0.23**	0.39	**0.21**	0.35
430	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	**0.24**	**32**	CL	**0.25**	0.44	**0.23**	0.39	**0.21**	0.35
431	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	**0.26**	**32**	CL	**0.17**	0.36	**0.16**	0.32	**0.15**	0.29
432	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	**0.23**	**32**	CL	**0.17**	0.36	**0.16**	0.32	**0.15**	0.29
433	SN68/Air/Clr/Air/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.039(2) 0.039(5)	TS-D	N	**0.29**	**33**	CL	**0.28**	0.44				
434	SN68/Arg/Clr/Arg/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(5)	TS-D	N	**0.26**	**33**	CL	**0.28**	0.44				
435	SN68/Air/Clr/Air/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.039(2) 0.039(5)	TS-D	G	**0.30**	**33**	CL			**0.26**	0.40		
436	SN68/Arg/Clr/Arg/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(5)	TS-D	G	**0.27**	**33**	CL			**0.25**	0.40		
437	SN68/Air/Clr/Air/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.039(2) 0.039(5)	TS-D	G	**0.30**	**33**	CL					**0.23**	0.35
438	SN68/Arg/Clr/Arg/SN68 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.039(2) 0.039(5)	TS-D	G	**0.27**	**33**	CL					**0.23**	0.35
439	SNX62/Air/Clr/Air/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.020(2) 0.020(5)	TS-D	N	**0.29**	**33**	CL	**0.20**	0.37				
440	SNX62/Arg/Clr/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(5)	TS-D	N	**0.25**	**33**	CL	**0.20**	0.37				
441	SNX62/Air/Clr/Air/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.020(2) 0.020(5)	TS-D	G	**0.30**	**33**	CL			**0.19**	0.33		
442	SNX62/Arg/Clr/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(5)	TS-D	G	**0.26**	**33**	CL			**0.18**	0.33		
443	SNX62/Air/Clr/Air/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	AIR	0.020(2) 0.020(5)	TS-D	G	**0.30**	**33**	CL					**0.17**	0.29
444	SNX62/Arg/Clr/Arg/SNX62 6mm	0.236, 0.236, 0.236	0.409, 0.409	ARG	0.020(2) 0.020(5)	TS-D	G	**0.26**	**33**	CL					**0.17**	0.29
445	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	**0.27**	**31**	CL	**0.25**	0.43				
446	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	**0.24**	**31**	CL	**0.25**	0.43				
447	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	**0.27**	**31**	CL			**0.23**	0.39		
448	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	**0.25**	**31**	CL			**0.23**	0.39		
449	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	**0.27**	**31**	CL					**0.21**	0.34
450	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	**0.25**	**31**	CL					**0.21**	0.34

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WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE21012-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: (Formerly Series 250-T) Series 350-T Picture Window (TB)
Operator Type: Fixed-4-Sided
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-93
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 12/16/2021
Simulation Revision Date: 12/16/2021
Report Type: Recertification
Simulation Lab Code: SWWC

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
451	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	**0.26**	**31**	CL	**0.17**	0.36				
452	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	**0.24**	**31**	CL	**0.17**	0.36				
453	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	**0.27**	**31**	CL			**0.16**	0.32		
454	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	**0.24**	**31**	CL			**0.16**	0.32		
455	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	**0.27**	**31**	CL					**0.15**	0.28
456	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	**0.24**	**31**	CL					**0.15**	0.28
457	CIG272-i89/Air 5mm	0.197, 0.197	0.632	AIR	0.042(2) 0.149(4)	SS-D	N,G	**0.33**	**29**	CL	**0.35**	0.59	**0.32**	0.53	**0.29**	0.47
458	CIG272-i89/Air 6mm	0.236, 0.236	0.522	AIR	0.042(2) 0.149(4)	SS-D	N,G	**0.32**	**30**	CL	**0.34**	0.58	**0.31**	0.52	**0.28**	0.47
459	CIG272-i89/Arg 5mm	0.197, 0.197	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.30**	**30**	CL	**0.35**	0.59	**0.31**	0.53	**0.28**	0.47
460	CIG272-i89/Arg 6mm	0.236, 0.236	0.522	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.30**	**30**	CL	**0.34**	0.58	**0.31**	0.52	**0.28**	0.47
461	CIG366-i89/Air 5mm	0.197, 0.197	0.632	AIR	0.020(2) 0.149(4)	SS-D	N,G	**0.32**	**29**	CL	**0.24**	0.53	**0.22**	0.48	**0.20**	0.43
462	CIG366-i89/Air 6mm	0.236, 0.236	0.522	AIR	0.020(2) 0.149(4)	SS-D	N,G	**0.32**	**30**	CL	**0.24**	0.53	**0.22**	0.47	**0.20**	0.42
463	CIG366-i89/Arg 5mm	0.197, 0.197	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.30**	**30**	CL	**0.23**	0.53	**0.21**	0.48	**0.19**	0.43
464	CIG366-i89/Arg 6mm	0.236, 0.236	0.522	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.29**	**30**	CL	**0.23**	0.53	**0.21**	0.47	**0.19**	0.42
465	CIG180-i89/Arg 5mm	0.197, 0.197	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.31**	**29**	CL	**0.52**	0.65	**0.47**	0.58	**0.42**	0.52
466	CIG180-i89/Arg 6mm	0.236, 0.236	0.522	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.31**	**30**	CL	**0.51**	0.64	**0.46**	0.58	**0.41**	0.51
467	CIG272/Arg 5mm	0.197, 0.197	0.632	ARG	0.042(2)	SS-D	N,G	**0.35**	**31**	CL	**0.35**	0.61	**0.32**	0.54	**0.29**	0.48
468	CIG272/Arg 6mm	0.236, 0.236	0.522	ARG	0.042(2)	SS-D	N,G	**0.35**	**32**	CL	**0.35**	0.60	**0.32**	0.54	**0.29**	0.48
469	CIG366/Arg 5mm	0.197, 0.197	0.632	ARG	0.020(2)	SS-D	N,G	**0.34**	**31**	CL	**0.24**	0.55	**0.22**	0.49	**0.20**	0.44
470	CIG366/Arg 6mm	0.236, 0.236	0.522	ARG	0.020(2)	SS-D	N,G	**0.34**	**32**	CL	**0.24**	0.54	**0.22**	0.48	**0.20**	0.43
471	CIG180/Arg 5mm	0.197, 0.197	0.632	ARG	0.068(2)	SS-D	N,G	**0.36**	**31**	CL	**0.54**	0.67	**0.49**	0.60	**0.44**	0.53
472	CIG180/Arg 6mm	0.236, 0.236	0.522	ARG	0.068(2)	SS-D	N,G	**0.36**	**32**	CL	**0.52**	0.66	**0.47**	0.59	**0.43**	0.53
473	CIG272/Arg/Clr/Arg/CIG180 5mm	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.042(2) 0.068(5)	SS-D	N,G	**0.25**	**35**	CL	**0.32**	0.53	**0.29**	0.47	**0.26**	0.42
474	CIG180/Arg/Clr/Arg/CIG180 5mm	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.068(2) 0.068(5)	SS-D	N,G	**0.25**	**35**	CL	**0.46**	0.58	**0.42**	0.52	**0.38**	0.47

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 # FLE21012-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: (Formerly Series 250-T) Series 350-T Picture Window (TB)
Operator Type: Fixed-4-Sided
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-93
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 12/16/2021
Simulation Revision Date: 12/16/2021
Report Type: Recertification
Simulation Lab Code: SWWC

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
475	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	**0.23**	**33**	CL	**0.30**	0.52	**0.28**	0.46	**0.25**	0.41
476	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	**0.23**	**33**	CL	**0.44**	0.57	**0.40**	0.51	**0.36**	0.45
477	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	**0.26**	**35**	CL	**0.31**	0.52				
478	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	**0.27**	**35**	CL			**0.28**	0.46		
479	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	**0.27**	**35**	CL					**0.26**	0.41
480	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	**0.26**	**35**	CL	**0.45**	0.57				
481	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	**0.27**	**35**	CL			**0.41**	0.51		
482	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	**0.27**	**35**	CL					**0.37**	0.46
483	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	**0.24**	**33**	CL	**0.30**	0.51				
484	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	**0.24**	**33**	CL			**0.27**	0.45		
485	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	**0.24**	**33**	CL					**0.24**	0.40
486	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	**0.24**	**33**	CL	**0.42**	0.56				
487	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	**0.25**	**33**	CL			**0.38**	0.50		
488	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	**0.25**	**33**	CL					**0.35**	0.45
489	SN68/Arg 5mm	0.197, 0.197	0.625	ARG	0.039(2)	ZF-S	N,G	**0.35**	**32**	CL	**0.33**	0.59	**0.30**	0.53	**0.27**	0.47
490	SN68/Arg 6mm	0.236, 0.236	0.500	ARG	0.039(2)	ZF-S	N,G	**0.35**	**32**	CL	**0.33**	0.58	**0.30**	0.52	**0.27**	0.47
491	SNX62/Arg 5mm	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	**0.34**	**32**	CL	**0.23**	0.53	**0.21**	0.48	**0.19**	0.43
492	SNX62/Arg 6mm	0.236, 0.236	0.500	ARG	0.020(2)	ZF-S	N,G	**0.34**	**32**	CL	**0.23**	0.53	**0.21**	0.47	**0.19**	0.42
493	SN68-IS20/Arg 5mm	0.197, 0.197	0.625	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.30**	**30**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.46
494	SN68-IS20/Arg 6mm	0.236, 0.236	0.500	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.30**	**31**	CL	**0.32**	0.56	**0.29**	0.51	**0.26**	0.45
495	SNX62-IS20/Arg 5mm	0.197, 0.197	0.625	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.30**	**30**	CL	**0.22**	0.52	**0.20**	0.46	**0.19**	0.41
496	SNX62-IS20/Arg 6mm	0.236, 0.236	0.500	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.30**	**31**	CL	**0.23**	0.51	**0.21**	0.46	**0.19**	0.41
497	CIG366-i89/Arg 5mm	0.197, 0.197	0.625	ARG	0.020(2) 0.149(4)	ZF-S	N,G	**0.29**	**30**	CL	**0.23**	0.53	**0.21**	0.48	**0.19**	0.43
498	CIG366-i89/Arg 6mm	0.236, 0.236	0.500	ARG	0.020(2) 0.149(4)	ZF-S	N,G	**0.29**	**31**	CL	**0.23**	0.53	**0.21**	0.47	**0.19**	0.42

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 # FLE21012-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: (Formerly Series 250-T) Series 350-T Picture Window (TB)
Operator Type: Fixed-4-Sided
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-93
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 12/16/2021
Simulation Revision Date: 12/16/2021
Report Type: Recertification
Simulation Lab Code: SWWC

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
499	CIG366/Arg 5mm	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	**0.34**	**32**	CL	**0.24**	0.55	**0.22**	0.49	**0.20**	0.44
500	CIG366/Arg 6mm	0.236, 0.236	0.500	ARG	0.020(2)	ZF-S	N,G	**0.34**	**32**	CL	**0.24**	0.54	**0.22**	0.48	**0.20**	0.43
501	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	**0.25**	**34**	CL	**0.28**	0.45	**0.26**	0.40	**0.23**	0.36
502	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	**0.25**	**34**	CL	**0.20**	0.37	**0.18**	0.33	**0.17**	0.30
503	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	**0.23**	**33**	CL	**0.25**	0.44	**0.23**	0.39	**0.21**	0.35
504	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	**0.23**	**33**	CL	**0.17**	0.36	**0.16**	0.32	**0.15**	0.29
505	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	**0.26**	**34**	CL	**0.28**	0.44				
506	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	**0.27**	**34**	CL			**0.25**	0.40		
507	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	**0.27**	**34**	CL					**0.23**	0.35
508	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	**0.26**	**34**	CL	**0.20**	0.37				
509	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	**0.27**	**34**	CL			**0.18**	0.33		
510	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	**0.27**	**34**	CL					**0.17**	0.29
511	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	**0.24**	**33**	CL	**0.25**	0.43				
512	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	**0.25**	**33**	CL			**0.23**	0.39		
513	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	**0.25**	**33**	CL					**0.21**	0.34
514	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	**0.24**	**33**	CL	**0.17**	0.36				
515	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	**0.25**	**33**	CL			**0.16**	0.32		
516	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	**0.25**	**33**	CL					**0.15**	0.28
517	Clear/Air 10mm/10mm	0.394, 0.394	0.476	AIR		A1-D	N,G	**0.53**	**30**	CL	**0.60**	0.67	**0.54**	0.60	**0.49**	0.54
518	SN68/Air 10mm/10mm	0.394, 0.394	0.476	AIR	0.039(2)	A1-D	N,G	**0.39**	**31**	CL	**0.32**	0.57	**0.29**	0.51	**0.27**	0.45
	sBZ-SN68/Air 10mm/10mm	0.394, 0.394	0.476	AIR	0.039(3)	A1-D	N,G	**0.39**	**31**	BZ	**0.22**	0.24	**0.20**	0.21	**0.18**	0.19
519	SN68/Arg 10mm/10mm	0.394, 0.394	0.476	ARG	0.039(2)	A1-D	N,G	**0.36**	**31**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.45
520	SNX62/Air 10mm/10mm	0.394, 0.394	0.476	AIR	0.020(2)	A1-D	N,G	**0.39**	**31**	CL	**0.24**	0.51	**0.22**	0.46	**0.20**	0.41
521	SNX62/Arg 10mm/10mm	0.394, 0.394	0.476	ARG	0.020(2)	A1-D	N,G	**0.35**	**31**	CL	**0.23**	0.51	**0.21**	0.46	**0.19**	0.41

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WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE21012-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: (Formerly Series 250-T) Series 350-T Picture Window (TB)
Operator Type: Fixed-4-Sided
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-93
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 12/16/2021
Simulation Revision Date: 12/16/2021
Report Type: Recertification
Simulation Lab Code: SWWC

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
522	Clear/Air 10mm/6mm	0.394, 0.236	0.632	AIR		A1-D	N,G	**0.54**	**29**	CL	**0.61**	0.68	**0.55**	0.61	**0.50**	0.54
	Clear/Air 6mm/10mm	0.236, 0.394	0.632	AIR		A1-D	N,G	**0.54**	**29**	CL	**0.63**	0.68	**0.57**	0.61	**0.51**	0.54
523	SN68/Air 10mm/6mm	0.394, 0.236	0.632	AIR	0.039(2)	A1-D	N,G	**0.40**	**30**	CL	**0.32**	0.57	**0.29**	0.51	**0.27**	0.46
	SN68/Air 6mm/10mm	0.236, 0.394	0.632	AIR	0.039(2)	A1-D	N,G	**0.40**	**30**	CL	**0.33**	0.57	**0.30**	0.52	**0.27**	0.46
	sBZ-SN68/Air 6mm/10mm	0.236, 0.394	0.632	AIR	0.039(3)	A1-D	N,G	**0.40**	**30**	BZ	**0.27**	0.34	**0.25**	0.31	**0.23**	0.27
524	SN68/Arg 10mm/6mm	0.394, 0.236	0.632	ARG	0.039(2)	A1-D	N,G	**0.36**	**30**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.46
	SN68/Arg 6mm/10mm	0.236, 0.394	0.632	ARG	0.039(2)	A1-D	N,G	**0.36**	**30**	CL	**0.32**	0.57	**0.29**	0.52	**0.27**	0.46
525	SNX62/Air 10mm/6mm	0.394, 0.236	0.632	AIR	0.020(2)	A1-D	N,G	**0.40**	**30**	CL	**0.24**	0.52	**0.22**	0.47	**0.20**	0.42
	SNX62/Air 6mm/10mm	0.236, 0.394	0.632	AIR	0.020(2)	A1-D	N,G	**0.40**	**30**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
526	SNX62/Arg 10mm/6mm	0.394, 0.236	0.632	ARG	0.020(2)	A1-D	N,G	**0.36**	**30**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
	SNX62/Arg 6mm/10mm	0.236, 0.394	0.632	ARG	0.020(2)	A1-D	N,G	**0.36**	**30**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
527	Clear/Air 10mm/10mm	0.394, 0.394	0.726	AIR		A1-D	N,G	**0.53**	**28**	CL	**0.60**	0.67	**0.54**	0.60	**0.49**	0.54
528	SN68/Air 10mm/10mm	0.394, 0.394	0.726	AIR	0.039(2)	A1-D	N,G	**0.40**	**29**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.45
	sBZ-SN68/Air 10mm/10mm	0.394, 0.394	0.726	AIR	0.039(3)	A1-D	N,G	**0.40**	**29**	BZ	**0.22**	0.24	**0.20**	0.21	**0.18**	0.19
529	SN68/Arg 10mm/10mm	0.394, 0.394	0.726	ARG	0.039(2)	A1-D	N,G	**0.37**	**29**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.45
530	SNX62/Air 10mm/10mm	0.394, 0.394	0.726	AIR	0.020(2)	A1-D	N,G	**0.40**	**29**	CL	**0.24**	0.51	**0.21**	0.46	**0.19**	0.41
531	SNX62/Arg 10mm/10mm	0.394, 0.394	0.726	ARG	0.020(2)	A1-D	N,G	**0.36**	**29**	CL	**0.23**	0.51	**0.21**	0.46	**0.19**	0.41
532	Clear/Air 10mm/6mm	0.394, 0.236	0.882	AIR		A1-D	N,G	**0.54**	**27**	CL	**0.61**	0.68	**0.55**	0.61	**0.50**	0.54
	Clear/Air 6mm/10mm	0.236, 0.394	0.882	AIR		A1-D	N,G	**0.54**	**27**	CL	**0.63**	0.68	**0.57**	0.61	**0.51**	0.54
533	SN68/Air 10mm/6mm	0.394, 0.236	0.882	AIR	0.039(2)	A1-D	N,G	**0.41**	**27**	CL	**0.32**	0.57	**0.29**	0.51	**0.27**	0.46
	SN68/Air 6mm/10mm	0.236, 0.394	0.882	AIR	0.039(2)	A1-D	N,G	**0.41**	**27**	CL	**0.33**	0.57	**0.30**	0.52	**0.27**	0.46
	sBZ-SN68/Air 10mm/6mm	0.394, 0.236	0.882	AIR	0.039(3)	A1-D	N,G	**0.41**	**27**	BZ	**0.22**	0.24	**0.20**	0.22	**0.18**	0.19
534	SN68/Arg 10mm/6mm	0.394, 0.236	0.882	ARG	0.039(2)	A1-D	N,G	**0.37**	**27**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.46
	SN68/Arg 6mm/10mm	0.236, 0.394	0.882	ARG	0.039(2)	A1-D	N,G	**0.37**	**27**	CL	**0.33**	0.57	**0.30**	0.52	**0.27**	0.46

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 # FLE21012-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: (Formerly Series 250-T) Series 350-T Picture Window (TB)
Operator Type: Fixed-4-Sided
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-93
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 12/16/2021
Simulation Revision Date: 12/16/2021
Report Type: Recertification
Simulation Lab Code: SWWC

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
535	SNX62/Air 10mm/6mm	0.394, 0.236	0.882	AIR	0.020(2)	A1-D	N,G	**0.41**	**27**	CL	**0.24**	0.52	**0.22**	0.47	**0.20**	0.42
	SNX62/Air 6mm/10mm	0.236, 0.394	0.882	AIR	0.020(2)	A1-D	N,G	**0.41**	**27**	CL	**0.24**	0.52	**0.21**	0.47	**0.20**	0.42
536	SNX62/Arg 10mm/6mm	0.394, 0.236	0.882	ARG	0.020(2)	A1-D	N,G	**0.37**	**27**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
	SNX62/Arg 6mm/10mm	0.236, 0.394	0.882	ARG	0.020(2)	A1-D	N,G	**0.37**	**27**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
537	SN68/Air 10mm/10mm	0.394, 0.394	0.470	AIR	0.039(2)	TS-D	N,G	**0.39**	**32**	CL	**0.32**	0.57	**0.29**	0.51	**0.27**	0.45
538	SN68/Arg 10mm/10mm	0.394, 0.394	0.470	ARG	0.039(2)	TS-D	N,G	**0.35**	**32**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.45
539	SNX62/Air 10mm/10mm	0.394, 0.394	0.470	AIR	0.020(2)	TS-D	N,G	**0.38**	**32**	CL	**0.24**	0.51	**0.22**	0.46	**0.20**	0.41
540	SNX62/Arg 10mm/10mm	0.394, 0.394	0.470	ARG	0.020(2)	TS-D	N,G	**0.34**	**32**	CL	**0.23**	0.51	**0.21**	0.46	**0.19**	0.41
541	SN68/Air 10mm/6mm	0.394, 0.236	0.633	AIR	0.039(2)	TS-D	N,G	**0.39**	**31**	CL	**0.32**	0.57	**0.29**	0.51	**0.27**	0.46
	SN68/Air 6mm/10mm	0.236, 0.394	0.633	AIR	0.039(2)	TS-D	N,G	**0.39**	**31**	CL	**0.33**	0.57	**0.30**	0.52	**0.27**	0.46
542	SN68/Arg 10mm/6mm	0.394, 0.236	0.633	ARG	0.039(2)	TS-D	N,G	**0.35**	**31**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.46
	SN68/Arg 6mm/10mm	0.236, 0.394	0.633	ARG	0.039(2)	TS-D	N,G	**0.35**	**31**	CL	**0.32**	0.57	**0.29**	0.52	**0.27**	0.46
543	SN68-IS20/Air 10mm/6mm	0.394, 0.236	0.633	AIR	0.039(2) 0.198(4)	TS-D	N,G	**0.33**	**30**	CL	**0.31**	0.56	**0.28**	0.50	**0.26**	0.44
544	SN68-IS20/Arg 10mm/6mm	0.394, 0.236	0.633	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.31**	**30**	CL	**0.31**	0.56	**0.28**	0.50	**0.25**	0.44
545	SNX62/Air 10mm/6mm	0.394, 0.236	0.633	AIR	0.020(2)	TS-D	N,G	**0.39**	**31**	CL	**0.24**	0.52	**0.22**	0.47	**0.20**	0.42
	SNX62/Air 6mm/10mm	0.236, 0.394	0.633	AIR	0.020(2)	TS-D	N,G	**0.39**	**31**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
546	SNX62/Arg 10mm/6mm	0.394, 0.236	0.633	ARG	0.020(2)	TS-D	N,G	**0.35**	**31**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
	SNX62/Arg 6mm/10mm	0.236, 0.394	0.633	ARG	0.020(2)	TS-D	N,G	**0.35**	**31**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
547	SNX62-IS20/Air 10mm/6mm	0.394, 0.236	0.633	AIR	0.020(2) 0.198(4)	TS-D	N,G	**0.33**	**30**	CL	**0.23**	0.50	**0.21**	0.45	**0.19**	0.40
548	SNX62-IS20/Arg 10mm/6mm	0.394, 0.236	0.633	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.31**	**30**	CL	**0.22**	0.50	**0.20**	0.45	**0.19**	0.40
549	SN68/Air 10mm/10mm	0.394, 0.394	0.714	AIR	0.039(2)	TS-D	N,G	**0.39**	**31**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.45
550	SN68/Arg 10mm/10mm	0.394, 0.394	0.714	ARG	0.039(2)	TS-D	N,G	**0.35**	**32**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.45
551	SNX62/Air 10mm/10mm	0.394, 0.394	0.714	AIR	0.020(2)	TS-D	N,G	**0.39**	**31**	CL	**0.23**	0.51	**0.21**	0.46	**0.19**	0.41
552	SNX62/Arg 10mm/10mm	0.394, 0.394	0.714	ARG	0.020(2)	TS-D	N,G	**0.35**	**32**	CL	**0.23**	0.51	**0.21**	0.46	**0.19**	0.41

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WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE21012-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: (Formerly Series 250-T) Series 350-T Picture Window (TB)
Operator Type: Fixed-4-Sided
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-93
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 12/16/2021
Simulation Revision Date: 12/16/2021
Report Type: Recertification
Simulation Lab Code: SWWC

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
553	SN68/Air 10mm/6mm	0.394, 0.236	0.784	AIR	0.039(2)	TS-D	N,G	**0.40**	**31**	CL	**0.32**	0.57	**0.29**	0.51	**0.27**	0.46
	SN68/Air 6mm/10mm	0.236, 0.394	0.784	AIR	0.039(2)	TS-D	N,G	**0.40**	**31**	CL	**0.33**	0.57	**0.30**	0.52	**0.27**	0.46
554	SN68/Arg 10mm/6mm	0.394, 0.236	0.784	ARG	0.039(2)	TS-D	N,G	**0.36**	**31**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.46
	SN68/Arg 6mm/10mm	0.236, 0.394	0.784	ARG	0.039(2)	TS-D	N,G	**0.36**	**31**	CL	**0.33**	0.57	**0.30**	0.52	**0.27**	0.46
555	SN68-IS20/Air 10mm/6mm	0.394, 0.236	0.784	AIR	0.039(2) 0.198(4)	TS-D	N,G	**0.34**	**30**	CL	**0.31**	0.56	**0.28**	0.50	**0.26**	0.44
556	SN68-IS20/Arg 10mm/6mm	0.394, 0.236	0.784	ARG	0.039(2) 0.198(4)	TS-D	N,G	**0.31**	**30**	CL	**0.31**	0.56	**0.28**	0.50	**0.25**	0.44
557	SNX62/Air 10mm/6mm	0.394, 0.236	0.784	AIR	0.020(2)	TS-D	N,G	**0.39**	**31**	CL	**0.24**	0.52	**0.22**	0.47	**0.20**	0.42
	SNX62/Air 6mm/10mm	0.236, 0.394	0.784	AIR	0.020(2)	TS-D	N,G	**0.39**	**31**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
558	SNX62/Arg 10mm/6mm	0.394, 0.236	0.784	ARG	0.020(2)	TS-D	N,G	**0.35**	**31**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
	SNX62/Arg 6mm/10mm	0.236, 0.394	0.784	ARG	0.020(2)	TS-D	N,G	**0.35**	**31**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
559	SNX62-IS20/Air 10mm/6mm	0.394, 0.236	0.784	AIR	0.020(2) 0.198(4)	TS-D	N,G	**0.33**	**30**	CL	**0.23**	0.50	**0.21**	0.45	**0.19**	0.40
560	SNX62-IS20/Arg 10mm/6mm	0.394, 0.236	0.784	ARG	0.020(2) 0.198(4)	TS-D	N,G	**0.31**	**30**	CL	**0.22**	0.50	**0.20**	0.45	**0.19**	0.40
561	CIG366/Arg 8mm/8mm	0.315, 0.315	0.632	ARG	0.020(2)	SS-D	N,G	**0.35**	**34**	CL	**0.24**	0.53	**0.22**	0.47	**0.20**	0.42
562	CIG272/Arg 8mm/8mm	0.315, 0.315	0.632	ARG	0.042(2)	SS-D	N,G	**0.35**	**33**	CL	**0.34**	0.58	**0.31**	0.52	**0.28**	0.47
563	CIG180/Arg 8mm/8mm	0.315, 0.315	0.632	ARG	0.068(2)	SS-D	N,G	**0.36**	**33**	CL	**0.50**	0.64	**0.46**	0.58	**0.41**	0.51
564	CIG366/Arg 8mm/6mm	0.315, 0.236	0.699	ARG	0.020(2)	SS-D	N,G	**0.35**	**33**	CL	**0.24**	0.53	**0.22**	0.48	**0.20**	0.43
	CIG366/Arg 6mm/8mm	0.236, 0.315	0.699	ARG	0.020(2)	SS-D	N,G	**0.35**	**33**	CL	**0.24**	0.53	**0.22**	0.48	**0.20**	0.43
565	CIG366-i89/Air 8mm/6mm	0.315, 0.236	0.699	AIR	0.020(2) 0.149(4)	SS-D	N,G	**0.33**	**32**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
566	CIG366-i89/Arg 8mm/6mm	0.315, 0.236	0.699	ARG	0.020(2) 0.149(4)	SS-D	N,G	**0.30**	**32**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
567	CIG272/Arg 8mm/6mm	0.315, 0.236	0.699	ARG	0.042(2)	SS-D	N,G	**0.36**	**33**	CL	**0.34**	0.59	**0.31**	0.53	**0.28**	0.47
	CIG272/Arg 6mm/8mm	0.236, 0.315	0.699	ARG	0.042(2)	SS-D	N,G	**0.36**	**33**	CL	**0.35**	0.59	**0.32**	0.53	**0.28**	0.47
568	CIG272-i89/Air 8mm/6mm	0.315, 0.236	0.699	AIR	0.042(2) 0.149(4)	SS-D	N,G	**0.33**	**32**	CL	**0.34**	0.58	**0.30**	0.52	**0.28**	0.46
569	CIG272-i89/Arg 8mm/6mm	0.315, 0.236	0.699	ARG	0.042(2) 0.149(4)	SS-D	N,G	**0.31**	**32**	CL	**0.33**	0.58	**0.30**	0.52	**0.27**	0.46
570	CIG180/Arg 8mm/6mm	0.315, 0.236	0.699	ARG	0.068(2)	SS-D	N,G	**0.36**	**33**	CL	**0.51**	0.65	**0.46**	0.58	**0.41**	0.52

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WESTLab

Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE21012-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: (Formerly Series 250-T) Series 350-T Picture Window (TB)
Operator Type: Fixed-4-Sided
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-93
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 12/16/2021
Simulation Revision Date: 12/16/2021
Report Type: Recertification
Simulation Lab Code: SWWC

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
	CIG180/Arg 6mm/8mm	0.236, 0.315	0.699	ARG	0.068(2)	SS-D	N,G	**0.36**	**33**	CL	**0.52**	0.65	**0.47**	0.58	**0.42**	0.52
571	CIG180-i89/Arg 8mm/6mm	0.315, 0.236	0.699	ARG	0.068(2) 0.149(4)	SS-D	N,G	**0.31**	**32**	CL	**0.49**	0.64	**0.44**	0.57	**0.40**	0.51
572	CIG366/Arg 8mm/8mm	0.315, 0.315	0.837	ARG	0.020(2)	SS-D	N,G	**0.35**	**33**	CL	**0.24**	0.53	**0.22**	0.47	**0.20**	0.42
573	CIG272/Arg 8mm/8mm	0.315, 0.315	0.837	ARG	0.042(2)	SS-D	N,G	**0.36**	**33**	CL	**0.34**	0.58	**0.31**	0.52	**0.28**	0.47
574	CIG180/Arg 8mm/8mm	0.315, 0.315	0.837	ARG	0.068(2)	SS-D	N,G	**0.37**	**33**	CL	**0.50**	0.64	**0.46**	0.58	**0.41**	0.51
575	SN68/Arg 10mm/10mm	0.394, 0.394	0.439	ARG	0.039(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.45
576	SNX62/Arg 10mm/10mm	0.394, 0.394	0.439	ARG	0.020(2)	ZF-S	N,G	**0.34**	**33**	CL	**0.23**	0.51	**0.21**	0.46	**0.19**	0.41
577	CIG366/Arg 8mm/8mm	0.315, 0.315	0.625	ARG	0.020(2)	ZF-S	N,G	**0.35**	**34**	CL	**0.24**	0.53	**0.22**	0.47	**0.20**	0.42
578	SN68/Arg 10mm/6mm	0.394, 0.236	0.625	ARG	0.039(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.46
	SN68/Arg 6mm/10mm	0.236, 0.394	0.625	ARG	0.039(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.32**	0.57	**0.30**	0.52	**0.27**	0.46
579	SN68-IS20/Arg 10mm/6mm	0.394, 0.236	0.625	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.31**	**31**	CL	**0.31**	0.56	**0.28**	0.50	**0.25**	0.44
580	SNX62/Arg 10mm/6mm	0.394, 0.236	0.625	ARG	0.020(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
	SNX62/Arg 6mm/10mm	0.236, 0.394	0.625	ARG	0.020(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
581	SNX62-IS20/Arg 10mm/6mm	0.394, 0.236	0.625	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.30**	**31**	CL	**0.22**	0.50	**0.20**	0.45	**0.19**	0.40
582	CIG366/Arg 8mm/6mm	0.315, 0.236	0.688	ARG	0.020(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.24**	0.53	**0.22**	0.48	**0.20**	0.43
	CIG366/Arg 6mm/8mm	0.236, 0.315	0.688	ARG	0.020(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.24**	0.53	**0.22**	0.48	**0.20**	0.43
583	CIG366-i89/Arg 8mm/6mm	0.315, 0.236	0.688	ARG	0.020(2) 0.149(4)	ZF-S	N,G	**0.30**	**31**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
584	SN68/Arg 10mm/10mm	0.394, 0.394	0.688	ARG	0.039(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.45
585	SNX62/Arg 10mm/10mm	0.394, 0.394	0.688	ARG	0.020(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.23**	0.51	**0.21**	0.46	**0.19**	0.41
586	CIG366/Arg 8mm/8mm	0.315, 0.315	0.787	ARG	0.020(2)	ZF-S	N,G	**0.35**	**34**	CL	**0.24**	0.53	**0.22**	0.47	**0.20**	0.42
587	SN68/Arg 10mm/6mm	0.394, 0.236	0.787	ARG	0.039(2)	ZF-S	N,G	**0.36**	**33**	CL	**0.32**	0.57	**0.29**	0.51	**0.26**	0.46
	SN68/Arg 6mm/10mm	0.236, 0.394	0.787	ARG	0.039(2)	ZF-S	N,G	**0.36**	**33**	CL	**0.33**	0.57	**0.30**	0.52	**0.27**	0.46
588	SN68-IS20/Arg 10mm/6mm	0.394, 0.236	0.787	ARG	0.039(2) 0.198(4)	ZF-S	N,G	**0.31**	**31**	CL	**0.31**	0.56	**0.28**	0.50	**0.25**	0.44
589	SNX62/Arg 10mm/6mm	0.394, 0.236	0.787	ARG	0.020(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42

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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Initials: SZ

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE21012-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: (Formerly Series 250-T) Series 350-T Picture Window (TB)
Operator Type: Fixed-4-Sided
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-93
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 12/16/2021
Simulation Revision Date: 12/16/2021
Report Type: Recertification
Simulation Lab Code: SWWC

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
	SNX62/Arg 6mm/10mm	0.236, 0.394	0.787	ARG	0.020(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42
590	SNX62-IS20/Arg 10mm/6mm	0.394, 0.236	0.787	ARG	0.020(2) 0.198(4)	ZF-S	N,G	**0.31**	**31**	CL	**0.22**	0.50	**0.20**	0.45	**0.19**	0.40
591	CIG366/Arg 8mm/6mm	0.315, 0.236	0.787	ARG	0.020(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.24**	0.53	**0.22**	0.48	**0.20**	0.43
	CIG366/Arg 6mm/8mm	0.236, 0.315	0.787	ARG	0.020(2)	ZF-S	N,G	**0.35**	**33**	CL	**0.24**	0.53	**0.22**	0.48	**0.20**	0.43
592	CIG366-i89/Arg 8mm/6mm	0.315, 0.236	0.787	ARG	0.020(2) 0.149(4)	ZF-S	N,G	**0.30**	**31**	CL	**0.23**	0.52	**0.21**	0.47	**0.19**	0.42

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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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.: **FLE21012-SS**

WESTLab Report Date: **12/16/2021**

Revision/Addendum Date: **12/16/2021**

NFRC Product Line ID: **FLE-M-93**

Report Type: **Recertification**

Model/Series: **(Formerly Series 250-T) Series 350-T Picture Window (TB)**

Operator Type: Fixed-4-Sided

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

Sash Type: No Sash

Baseline Product for U-Factor Validation Testing:

Description: **Validation Unit Triple Glazed IG:** 5mm Guardian SN68 (e=0.039, sfc#2), 0.444" Air-filled Gap, 5mm Clear, 0.444" Air-Filled gap, 5mm Guardian SN68 (e=0.039, sfc #5) with Allmetal Aluminum Box spacer. The validation unit has an anodized finish. See W7 Option #999 for area weighted calculations.

Simulated U-factor: **0.29**

Test Size (mm): 1194 x 1499 **(47in. x 59in.)**

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 500-2020, 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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