

NFRC Product Line Summary (2023 Std)

Simulation Report # FLE25004-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-89

Simulation Orig Report Date: 9/25/2025

Series/Model: Series 3800-T OG Fixed

Model Size: 1200mm x 1500mm

Simulation Revision Date: 9/25/2025

Operator Type: Fixed

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/Thermal Breaks (AT)

Simulation Lab Code: SWWW

Sash Type: Not Applicable (NA)

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
679	CIG366/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.020(2)	SS-D	N,G	0.32	33	CL	0.24	0.57	0.22	0.51	0.20	0.46
680	CIG366/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.020(2)	SS-D	N,G	0.31	33	CL	0.24	0.56	0.22	0.50	0.20	0.45
681	CIG366-i89/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.27	30	CL	0.24	0.56	0.22	0.50	0.20	0.45
682	CIG366-i89/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.26	31	CL	0.24	0.55	0.22	0.49	0.20	0.44
683	CIG272/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.042(2)	SS-D	N,G	0.32	33	CL	0.36	0.63	0.33	0.57	0.30	0.51
684	CIG272/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.042(2)	SS-D	N,G	0.32	33	CL	0.36	0.62	0.33	0.56	0.29	0.50
685	CIG272-i89/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.27	30	CL	0.36	0.62	0.32	0.56	0.29	0.50
686	CIG272-i89/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.27	30	CL	0.35	0.61	0.32	0.55	0.29	0.49
687	CIG180/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.068(2)	SS-D	N,G	0.33	33	CL	0.56	0.70	0.51	0.63	0.46	0.56
688	CIG180/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.068(2)	SS-D	N,G	0.33	33	CL	0.54	0.68	0.49	0.61	0.44	0.55
689	CIG180-i89/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.28	30	CL	0.54	0.68	0.49	0.61	0.44	0.55
690	CIG180-i89/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.27	30	CL	0.52	0.67	0.47	0.60	0.43	0.54
691	Clear/Air 5mm A1-D	0.197, 0.197	0.621	AIR		A1-D	N,G	0.53	26	CL	0.65	0.71	0.59	0.64	0.53	0.57
692	Clear/Air 6mm A1-D	0.236, 0.236	0.542	AIR		A1-D	N,G	0.52	26	CL	0.63	0.71	0.57	0.63	0.51	0.57
693	SN68/Air 5mm A1-D	0.197, 0.197	0.621	AIR	0.039(2)	A1-D	N,G	0.38	27	CL	0.34	0.61	0.31	0.55	0.28	0.49
	sBZ-SN68/Air 5mm A1-D	0.197, 0.197	0.621	AIR	0.039(3)	A1-D	N,G	0.38	27	BZ	0.30	0.40	0.28	0.36	0.25	0.32
694	SN68/Air 6mm A1-D	0.236, 0.236	0.542	AIR	0.039(2)	A1-D	N,G	0.38	28	CL	0.34	0.60	0.31	0.54	0.28	0.48
	sBZ-SN68/Air 6mm A1-D	0.236, 0.236	0.542	AIR	0.039(3)	A1-D	N,G	0.38	28	BZ	0.28	0.36	0.26	0.32	0.23	0.29
695	SN68/Arg 5mm A1-D	0.197, 0.197	0.621	ARG	0.039(2)	A1-D	N,G	0.34	28	CL	0.33	0.61	0.30	0.55	0.28	0.49
696	SN68/Arg 6mm A1-D	0.236, 0.236	0.542	ARG	0.039(2)	A1-D	N,G	0.34	28	CL	0.33	0.60	0.30	0.54	0.27	0.48
697	SNX62/Air 5mm A1-D	0.197, 0.197	0.621	AIR	0.020(2)	A1-D	N,G	0.38	27	CL	0.24	0.55	0.22	0.50	0.20	0.44
698	SNX62/Air 6mm A1-D	0.236, 0.236	0.542	AIR	0.020(2)	A1-D	N,G	0.37	28	CL	0.24	0.55	0.22	0.49	0.20	0.44
699	SNX62/Arg 5mm A1-D	0.197, 0.197	0.621	ARG	0.020(2)	A1-D	N,G	0.34	28	CL	0.23	0.55	0.21	0.50	0.19	0.44
700	SNX62/Arg 6mm A1-D	0.236, 0.236	0.542	ARG	0.020(2)	A1-D	N,G	0.33	28	CL	0.23	0.55	0.21	0.49	0.19	0.44

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)

NFRC Product Line Summary (2023 Std)

Simulation Report # FLE25004-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-89

Simulation Orig Report Date: 9/25/2025

Series/Model: Series 3800-T OG Fixed

Model Size: 1200mm x 1500mm

Simulation Revision Date: 9/25/2025

Operator Type: Fixed

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/Thermal Breaks (AT)

Simulation Lab Code: SWWW

Sash Type: Not Applicable (NA)

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
701	SN68/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.039(2)	ZF-S	N,G	0.32	36	CL	0.33	0.61	0.30	0.55	0.28	0.49
702	SN68/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.039(2)	ZF-S	N,G	0.32	35	CL	0.33	0.60	0.30	0.54	0.27	0.48
703	SN68-IS20/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.28	33	CL	0.33	0.59	0.30	0.53	0.27	0.48
704	SN68-IS20/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.28	33	CL	0.32	0.59	0.29	0.53	0.27	0.47
705	SNX62/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	0.32	36	CL	0.23	0.55	0.21	0.50	0.19	0.44
706	SNX62/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.020(2)	ZF-S	N,G	0.31	35	CL	0.23	0.55	0.21	0.49	0.19	0.44
707	SNX62-IS20/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.27	33	CL	0.23	0.54	0.21	0.48	0.19	0.43
708	SNX62-IS20/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.27	33	CL	0.23	0.53	0.21	0.48	0.19	0.43
709	SN68/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.039(2)	TS-D	N,G	0.33	33	CL	0.33	0.61	0.30	0.55	0.28	0.49
710	SN68/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.039(2)	TS-D	N,G	0.32	33	CL	0.33	0.60	0.30	0.54	0.27	0.48
711	SN68-IS20/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.28	31	CL	0.33	0.59	0.30	0.53	0.27	0.48
712	SN68-IS20/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.28	31	CL	0.32	0.59	0.29	0.53	0.27	0.47
713	SNX62/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.020(2)	TS-D	N,G	0.32	33	CL	0.23	0.55	0.21	0.50	0.19	0.44
714	SNX62/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.020(2)	TS-D	N,G	0.32	33	CL	0.23	0.55	0.21	0.49	0.19	0.44
715	SNX62-IS20/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.28	31	CL	0.23	0.54	0.21	0.48	0.19	0.43
716	SNX62-IS20/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.27	31	CL	0.23	0.53	0.21	0.48	0.19	0.43
717	CIG272-Clr-CIG180/Arg 5mm SS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.042(2) 0.068(5)	SS-D	N,G	0.21	38	CL	0.33	0.55	0.30	0.50	0.27	0.44
718	CIG272-Clr-CIG180/Arg 6mm SS-D N	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	N	0.22	38	CL	0.32	0.54				
719	CIG272-Clr-CIG180/Arg 6mm SS-D Rect	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	G	0.23	38	CL			0.29	0.48		
720	CIG272-Clr-CIG180/Arg 6mm SS-D Cont	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(5)	SS-D	G	0.23	38	CL					0.26	0.43
721	CIG272-CIG180-i89/Arg 5mm SS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	N,G	0.19	35	CL	0.31	0.54	0.28	0.48	0.26	0.43
722	CIG272-CIG180-i89/Arg 6mm SS-D N	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	N	0.20	35	CL	0.30	0.52				
723	CIG272-CIG180-i89/Arg 6mm SS-D Rect	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	G	0.21	35	CL			0.28	0.47		
724	CIG272-CIG180-i89/Arg 6mm SS-D Cont	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.042(2) 0.068(4) 0.149(6)	SS-D	G	0.21	35	CL					0.25	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)

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Operator Type: Fixed

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/Thermal Breaks (AT)

Simulation Lab Code: SWWW

Sash Type: Not Applicable (NA)

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
725	CIG180-Clr-CIG180/Arg 5mm SS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.068(2) 0.068(5)	SS-D	N,G	0.22	38	CL	0.48	0.61	0.44	0.55	0.39	0.49
726	CIG180-Clr-CIG180/Arg 6mm SS-D N	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	N	0.23	38	CL	0.47	0.59				
727	CIG180-Clr-CIG180/Arg 6mm SS-D Rect	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	G	0.23	38	CL			0.42	0.53		
728	CIG180-Clr-CIG180/Arg 6mm SS-D Cont	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(5)	SS-D	G	0.24	38	CL					0.38	0.48
729	CIG180-CIG180-i89/Arg 5mm SS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	N,G	0.19	35	CL	0.46	0.59	0.41	0.53	0.37	0.48
730	CIG180-CIG180-i89/Arg 6mm SS-D N	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	N	0.20	35	CL	0.44	0.58				
731	CIG180-CIG180-i89/Arg 6mm SS-D Rect	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	G	0.21	35	CL			0.40	0.52		
732	CIG180-CIG180-i89/Arg 6mm SS-D Cont	0.236, 0.236, 0.236	0.396, 0.396	ARG	0.068(2) 0.068(4) 0.149(6)	SS-D	G	0.21	35	CL					0.36	0.46
733	SN68-Clr-SN68/Air 5mm A1-D	0.197, 0.197, 0.197	0.468, 0.468	AIR	0.039(2) 0.039(5)	A1-D	N,G	0.26	31	CL	0.29	0.47	0.26	0.42	0.24	0.38
734	SN68-Clr-SN68/Air 6mm A1-D N	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.039(2) 0.039(5)	A1-D	N	0.28	33	CL	0.29	0.46				
735	SN68-Clr-SN68/Air 6mm A1-D Rect	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.039(2) 0.039(5)	A1-D	G	0.29	33	CL			0.26	0.41		
736	SN68-Clr-SN68/Air 6mm A1-D Cont	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.039(2) 0.039(5)	A1-D	G	0.29	33	CL					0.24	0.37
737	SN68-Clr-SN68/Arg 5mm A1-D	0.197, 0.197, 0.197	0.468, 0.468	ARG	0.039(2) 0.039(5)	A1-D	N,G	0.23	32	CL	0.29	0.47	0.26	0.42	0.24	0.38
738	SN68-Clr-SN68/Arg 6mm A1-D N	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.039(2) 0.039(5)	A1-D	N	0.24	33	CL	0.28	0.46				
739	SN68-Clr-SN68/Arg 6mm A1-D Rect	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.039(2) 0.039(5)	A1-D	G	0.25	33	CL			0.26	0.41		
740	SN68-Clr-SN68/Arg 6mm A1-D Cont	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.039(2) 0.039(5)	A1-D	G	0.25	33	CL					0.23	0.37
741	SNX62-Clr-SNX62/Air 5mm A1-D	0.197, 0.197, 0.197	0.468, 0.468	AIR	0.020(2) 0.020(5)	A1-D	N,G	0.25	31	CL	0.21	0.39	0.19	0.35	0.17	0.31
742	SNX62-Clr-SNX62/Air 6mm A1-D N	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.020(2) 0.020(5)	A1-D	N	0.28	33	CL	0.21	0.38				
743	SNX62-Clr-SNX62/Air 6mm A1-D Rect	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.020(2) 0.020(5)	A1-D	G	0.29	33	CL			0.19	0.34		
744	SNX62-Clr-SNX62/Air 6mm A1-D Cont	0.236, 0.236, 0.236	0.374, 0.374	AIR	0.020(2) 0.020(5)	A1-D	G	0.29	33	CL					0.17	0.30
745	SNX62-Clr-SNX62/Arg 5mm A1-D	0.197, 0.197, 0.197	0.468, 0.468	ARG	0.020(2) 0.020(5)	A1-D	N,G	0.22	32	CL	0.20	0.39	0.19	0.35	0.17	0.31
746	SNX62-Clr-SNX62/Arg 6mm A1-D N	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.020(2) 0.020(5)	A1-D	N	0.24	33	CL	0.20	0.38				
747	SNX62-Clr-SNX62/Arg 6mm A1-D Rect	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.020(2) 0.020(5)	A1-D	G	0.25	33	CL			0.19	0.34		
748	SNX62-Clr-SNX62/Arg 6mm A1-D Cont	0.236, 0.236, 0.236	0.374, 0.374	ARG	0.020(2) 0.020(5)	A1-D	G	0.25	33	CL					0.17	0.30

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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Series/Model: Series 3800-T OG Fixed

Model Size: 1200mm x 1500mm

Simulation Revision Date: 9/25/2025

Operator Type: Fixed

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/Thermal Breaks (AT)

Simulation Lab Code: SWWW

Sash Type: Not Applicable (NA)

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
749	SN68-Clr-SN68/Arg 5mm ZF-S	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.039(2) 0.039(5)	ZF-S	N,G	0.21	40	CL	0.29	0.47	0.26	0.42	0.24	0.38
750	SN68-Clr-SN68/Arg 6mm ZF-S N	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	N	0.23	40	CL	0.28	0.46				
751	SN68-Clr-SN68/Arg 6mm ZF-S Rect	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	G	0.24	40	CL			0.26	0.41		
752	SN68-Clr-SN68/Arg 6mm ZF-S Cont	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(5)	ZF-S	G	0.24	40	CL					0.23	0.37
753	SN68-SN68-IS20/Arg 5mm ZF-S	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	N,G	0.20	38	CL	0.26	0.45	0.23	0.41	0.21	0.36
754	SN68-SN68-IS20/Arg 6mm ZF-S N	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	N	0.21	38	CL	0.25	0.45				
755	SN68-SN68-IS20/Arg 6mm ZF-S Rect	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	G	0.22	38	CL			0.23	0.40		
756	SN68-SN68-IS20/Arg 6mm ZF-S Cont	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.039(2) 0.039(4) 0.198(6)	ZF-S	G	0.22	38	CL					0.21	0.36
757	SNX62-Clr-SNX62/Arg 5mm ZF-S	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.020(2) 0.020(5)	ZF-S	N,G	0.21	40	CL	0.20	0.39	0.19	0.35	0.17	0.31
758	SNX62-Clr-SNX62/Arg 6mm ZF-S N	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	N	0.22	40	CL	0.20	0.38				
759	SNX62-Clr-SNX62/Arg 6mm ZF-S Rect	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	G	0.23	40	CL			0.19	0.34		
760	SNX62-Clr-SNX62/Arg 6mm ZF-S Cont	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(5)	ZF-S	G	0.23	40	CL					0.17	0.30
761	SNX62-SNX62-IS20/Arg 5mm ZF-S	0.197, 0.197, 0.197	0.438, 0.438	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	N,G	0.19	38	CL	0.17	0.37	0.16	0.34	0.15	0.30
762	SNX62-SNX62-IS20/Arg 6mm ZF-S N	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	N	0.20	38	CL	0.17	0.37				
763	SNX62-SNX62-IS20/Arg 6mm ZF-S Rect	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	G	0.21	38	CL			0.16	0.33		
764	SNX62-SNX62-IS20/Arg 6mm ZF-S Cont	0.236, 0.236, 0.236	0.375, 0.375	ARG	0.020(2) 0.020(4) 0.198(6)	ZF-S	G	0.21	38	CL					0.15	0.30
765	SN68-SN68-IS20/Arg 5mm TS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	N,G	0.20	36	CL	0.26	0.45	0.23	0.41	0.21	0.36
766	SN68-SN68-IS20/Arg 6mm TS-D N	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	N	0.21	35	CL	0.25	0.45				
767	SN68-SN68-IS20/Arg 6mm TS-D Rect	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	G	0.21	35	CL			0.23	0.40		
768	SN68-SN68-IS20/Arg 6mm TS-D Cont	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.039(2) 0.039(4) 0.198(6)	TS-D	G	0.21	35	CL					0.21	0.36
769	SNX62-SNX62-IS20/Arg 5mm TS-D	0.197, 0.197, 0.197	0.462, 0.462	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	N,G	0.19	36	CL	0.17	0.37	0.16	0.34	0.15	0.30
770	SNX62-SNX62-IS20/Arg 6mm TS-D N	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	N	0.20	35	CL	0.17	0.37				
771	SNX62-SNX62-IS20/Arg 6mm TS-D Rect	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	G	0.21	35	CL			0.16	0.33		
772	SNX62-SNX62-IS20/Arg 6mm TS-D Cont	0.236, 0.236, 0.236	0.399, 0.399	ARG	0.020(2) 0.020(4) 0.198(6)	TS-D	G	0.21	35	CL					0.15	0.30

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)

NFRC Product Line Summary (2023 Std)

Simulation Report # FLE25004-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-89

Simulation Orig Report Date: 9/25/2025

Series/Model: Series 3800-T OG Fixed

Model Size: 1200mm x 1500mm

Simulation Revision Date: 9/25/2025

Operator Type: Fixed

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/Thermal Breaks (AT)

Simulation Lab Code: SWWW

Sash Type: Not Applicable (NA)

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
773	CIG366/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.020(2)	SS-D	N,G	0.32	36	CL	0.24	0.55	0.22	0.49	0.20	0.44
774	CIG366-i89/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.27	33	CL	0.24	0.54	0.21	0.48	0.20	0.43
775	CIG272/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.042(2)	SS-D	N,G	0.33	35	CL	0.35	0.61	0.32	0.55	0.29	0.49
776	CIG272-i89/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.27	33	CL	0.34	0.59	0.31	0.53	0.28	0.48
777	CIG180/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.068(2)	SS-D	N,G	0.34	35	CL	0.52	0.67	0.47	0.60	0.42	0.54
778	CIG180-i89/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.28	33	CL	0.50	0.65	0.45	0.59	0.41	0.53
779	Clear/Air 10mm A1-D	0.394, 0.394	0.726	AIR		A1-D	N,G	0.52	27	CL	0.62	0.70	0.56	0.63	0.50	0.56
780	SN68/Air 10mm A1-D	0.394, 0.394	0.726	AIR	0.039(2)	A1-D	N,G	0.38	29	CL	0.33	0.59	0.30	0.53	0.27	0.47
	sBZ-SN68/Air 10mm A1-D	0.394, 0.394	0.726	AIR	0.039(3)	A1-D	N,G	0.38	29	BZ	0.22	0.25	0.20	0.22	0.18	0.20
781	SN68/Arg 10mm A1-D	0.394, 0.394	0.726	ARG	0.039(2)	A1-D	N,G	0.34	30	CL	0.32	0.59	0.29	0.53	0.27	0.47
782	SNX62/Air 10mm A1-D	0.394, 0.394	0.726	AIR	0.020(2)	A1-D	N,G	0.38	29	CL	0.24	0.53	0.22	0.48	0.20	0.43
783	SNX62/Arg 10mm A1-D	0.394, 0.394	0.726	ARG	0.020(2)	A1-D	N,G	0.34	30	CL	0.23	0.53	0.21	0.48	0.19	0.43
784	SN68/Arg 10mm ZF-S	0.394, 0.394	0.688	ARG	0.039(2)	ZF-S	N,G	0.32	39	CL	0.32	0.59	0.29	0.53	0.27	0.47
785	SN68-IS20/Arg 10mm ZF-S	0.394, 0.394	0.688	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.27	36	CL	0.31	0.57	0.28	0.51	0.26	0.46
786	SNX62/Arg 10mm ZF-S	0.394, 0.394	0.688	ARG	0.020(2)	ZF-S	N,G	0.31	39	CL	0.23	0.53	0.21	0.48	0.19	0.43
787	SNX62-IS20/Arg 10mm ZF-S	0.394, 0.394	0.688	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.27	36	CL	0.23	0.52	0.21	0.46	0.19	0.41
788	SN68/Arg 10mm TS-D	0.394, 0.394	0.714	ARG	0.039(2)	TS-D	N,G	0.33	37	CL	0.32	0.59	0.29	0.53	0.27	0.47
789	SN68-IS20/Arg 10mm TS-D	0.394, 0.394	0.714	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.28	34	CL	0.31	0.57	0.28	0.51	0.26	0.46
790	SNX62/Arg 10mm TS-D	0.394, 0.394	0.714	ARG	0.020(2)	TS-D	N,G	0.32	37	CL	0.23	0.53	0.21	0.48	0.19	0.43
791	SNX62-IS20/Arg 10mm TS-D	0.394, 0.394	0.714	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.28	34	CL	0.23	0.52	0.21	0.46	0.19	0.41

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)

Manufacturer: Fleetwood Windows & Doors

Contact: Kevin Nguyen

**Address: 1 Fleetwood Way
Corona, CA 92879**

Phone: 951-279-1070

Model/Series: Series 3800-T OG Fixed

**RECERTIFICATION
REPORT**

WESTLab Report No.:

FLE25004-SS

WESTLab Report Date:

9/25/2025

Revision/Addendum Date:

9/25/2025

NFRC Product Line ID:

FLE-M-89

Report Type:

Recertification

Operator Type: Fixed

Frame Type: Aluminum w/Thermal Breaks (AT)

Sash Type: Not Applicable (NA)

Baseline Product for U-Factor Validation Testing:

Description: Validation Unit Triple Glazed IG: 5mm Guardian SN68 (e=0.039, sfc#2), 0.468" Air-filled gap, 5mm Clear, 0.468" Air-Filled gap, 5mm Guardian SN68 (e=0.039, sfc#5) with Aluminum Box spacer and no grids. The validation unit has an anodized finish. See W7 Option #9999 for area weighted calcs.

Simulated U-factor: 0.26

Test Size (mm): 1200 x 1500 (47.2in. x 59.1in.)

Physical Test Tolerance: 0.23 to 0.29

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 100-2023) 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 100-2023, ANSI/200-2023 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.