

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE23003-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-106

Simulation Orig Report Date: 7/7/2023

Series/Model: Series 3200-T Swinging Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 7/7/2023

Operator Type: Single Door-Stile & Rail

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/Thermal Breaks (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/Thermal Breaks (AT)

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

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers > 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
462	CIG366/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.020(2)	SS-D	N,G	0.44	41	CL	0.20	0.42	0.17	0.36	0.15	0.31
463	CIG366/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.020(2)	SS-D	N,G	0.43	41	CL	0.20	0.41	0.17	0.35	0.16	0.30
464	CIG366-i89/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.40	41	CL	0.19	0.41	0.17	0.35	0.15	0.30
465	CIG366-i89/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.40	41	CL	0.19	0.40	0.17	0.35	0.15	0.29
466	CIG272/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.042(2)	SS-D	N,G	0.44	41	CL	0.28	0.46	0.25	0.40	0.22	0.34
467	CIG272/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.042(2)	SS-D	N,G	0.44	41	CL	0.28	0.46	0.25	0.39	0.22	0.33
468	CIG272-i89/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.40	41	CL	0.28	0.45	0.24	0.39	0.21	0.33
469	CIG272-i89/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.40	41	CL	0.27	0.45	0.24	0.38	0.21	0.33
470	CIG180/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.068(2)	SS-D	N,G	0.45	41	CL	0.42	0.51	0.37	0.44	0.32	0.37
471	CIG180/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.068(2)	SS-D	N,G	0.44	41	CL	0.41	0.50	0.36	0.43	0.31	0.37
472	CIG180-i89/Arg 5mm SS-D	0.197, 0.197	0.632	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.41	41	CL	0.41	0.50	0.36	0.43	0.31	0.36
473	CIG180-i89/Arg 6mm SS-D	0.236, 0.236	0.522	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.40	41	CL	0.40	0.49	0.35	0.42	0.30	0.36
474	Clear/Air 5mm A1-D	0.197, 0.197	0.621	AIR		A1-D	N,G	0.58	39	CL	0.49	0.52	0.43	0.45	0.37	0.38
475	Clear/Air 6mm A1-D	0.236, 0.236	0.542	AIR		A1-D	N,G	0.58	39	CL	0.48	0.52	0.42	0.45	0.36	0.38
476	SN68/Air 5mm A1-D	0.197, 0.197	0.621	AIR	0.039(2)	A1-D	N,G	0.48	40	CL	0.27	0.44	0.23	0.38	0.21	0.33
	sBZ-SN68/Air 5mm A1-D	0.197, 0.197	0.621	AIR	0.039(3)	A1-D	N,G	0.48	40	BZ	0.24	0.29	0.21	0.25	0.19	0.21
477	SN68/Air 6mm A1-D	0.236, 0.236	0.542	AIR	0.039(2)	A1-D	N,G	0.48	40	CL	0.26	0.44	0.23	0.38	0.20	0.32
	sBZ-SN68/Air 6mm A1-D	0.236, 0.236	0.542	AIR	0.039(3)	A1-D	N,G	0.48	40	BZ	0.23	0.26	0.20	0.23	0.18	0.19
478	SN68/Arg 5mm A1-D	0.197, 0.197	0.621	ARG	0.039(2)	A1-D	N,G	0.45	40	CL	0.26	0.44	0.23	0.38	0.20	0.33
479	SN68/Arg 6mm A1-D	0.236, 0.236	0.542	ARG	0.039(2)	A1-D	N,G	0.45	40	CL	0.26	0.44	0.23	0.38	0.20	0.32
480	SNX62/Air 5mm A1-D	0.197, 0.197	0.621	AIR	0.020(2)	A1-D	N,G	0.48	40	CL	0.19	0.40	0.17	0.35	0.15	0.30
481	SNX62/Air 6mm A1-D	0.236, 0.236	0.542	AIR	0.020(2)	A1-D	N,G	0.47	40	CL	0.19	0.40	0.17	0.34	0.15	0.29
482	SNX62/Arg 5mm A1-D	0.197, 0.197	0.621	ARG	0.020(2)	A1-D	N,G	0.45	40	CL	0.19	0.40	0.17	0.35	0.15	0.30
483	SNX62/Arg 6mm A1-D	0.236, 0.236	0.542	ARG	0.020(2)	A1-D	N,G	0.45	40	CL	0.19	0.40	0.17	0.34	0.15	0.29

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 (2020 Std)

Simulation Report # FLE23003-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-106

Simulation Orig Report Date: 7/7/2023

Series/Model: Series 3200-T Swinging Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 7/7/2023

Operator Type: Single Door-Stile & Rail

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/Thermal Breaks (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/Thermal Breaks (AT)

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

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers > 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
484	SN68/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.039(2)	ZF-S	N,G	0.44	42	CL	0.26	0.44	0.23	0.38	0.20	0.33
485	SN68/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.039(2)	ZF-S	N,G	0.44	42	CL	0.26	0.44	0.23	0.38	0.20	0.32
486	SN68-IS20/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.40	41	CL	0.26	0.43	0.23	0.37	0.20	0.32
487	SN68-IS20/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.40	41	CL	0.26	0.43	0.23	0.37	0.20	0.32
488	SNX62/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.020(2)	ZF-S	N,G	0.43	42	CL	0.19	0.40	0.17	0.35	0.15	0.30
489	SNX62/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.020(2)	ZF-S	N,G	0.43	42	CL	0.19	0.40	0.17	0.34	0.15	0.29
490	SNX62-IS20/Arg 5mm ZF-S	0.197, 0.197	0.625	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.40	41	CL	0.18	0.39	0.16	0.34	0.15	0.29
491	SNX62-IS20/Arg 6mm ZF-S	0.236, 0.236	0.538	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.40	41	CL	0.18	0.39	0.16	0.34	0.15	0.29
492	SN68/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.039(2)	TS-D	N,G	0.44	41	CL	0.26	0.44	0.23	0.38	0.20	0.33
493	SN68/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.039(2)	TS-D	N,G	0.44	41	CL	0.26	0.44	0.23	0.38	0.20	0.32
494	SN68-IS20/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.41	41	CL	0.26	0.43	0.23	0.37	0.20	0.32
495	SN68-IS20/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.41	41	CL	0.26	0.43	0.23	0.37	0.20	0.32
496	SNX62/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.020(2)	TS-D	N,G	0.44	41	CL	0.19	0.40	0.17	0.35	0.15	0.30
497	SNX62/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.020(2)	TS-D	N,G	0.43	41	CL	0.19	0.40	0.17	0.34	0.15	0.29
498	SNX62-IS20/Arg 5mm TS-D	0.197, 0.197	0.621	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.40	41	CL	0.18	0.39	0.16	0.34	0.15	0.29
499	SNX62-IS20/Arg 6mm TS-D	0.236, 0.236	0.524	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.40	41	CL	0.18	0.39	0.17	0.34	0.15	0.29
500	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	0.36	42	CL	0.26	0.40	0.23	0.35	0.20	0.30
501	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	0.37	43	CL	0.25	0.39				
502	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	0.38	43	CL			0.22	0.34		
503	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	0.38	43	CL					0.19	0.29
504	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	0.35	42	CL	0.24	0.39	0.22	0.34	0.19	0.29
505	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	0.35	42	CL	0.24	0.39				
506	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	0.36	42	CL			0.21	0.33		
507	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	0.36	42	CL					0.19	0.28

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Series/Model: Series 3200-T Swinging Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 7/7/2023

Operator Type: Single Door-Stile & Rail

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/Thermal Breaks (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/Thermal Breaks (AT)

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

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers > 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
508	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	0.36	42	CL	0.37	0.44	0.32	0.38	0.28	0.33
509	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	0.37	43	CL	0.36	0.43				
510	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	0.38	43	CL			0.31	0.37		
511	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	0.38	43	CL					0.27	0.32
512	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	0.35	42	CL	0.35	0.43	0.31	0.37	0.27	0.32
513	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	0.35	42	CL	0.34	0.43				
514	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	0.36	42	CL			0.30	0.37		
515	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	0.36	42	CL					0.26	0.31
516	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	0.39	41	CL	0.23	0.34	0.20	0.30	0.18	0.25
517	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	0.41	41	CL	0.23	0.34				
518	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	0.42	41	CL			0.20	0.29		
519	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	0.42	41	CL					0.18	0.25
520	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	0.37	41	CL	0.23	0.34	0.20	0.30	0.18	0.25
521	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	0.38	41	CL	0.23	0.34				
522	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	0.39	41	CL			0.20	0.29		
523	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	0.39	41	CL					0.18	0.25
524	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	0.39	41	CL	0.17	0.28	0.15	0.24	0.13	0.21
525	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	0.41	41	CL	0.17	0.28				
526	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	0.42	41	CL			0.15	0.24		
527	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	0.42	41	CL					0.14	0.20
528	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	0.37	41	CL	0.17	0.28	0.15	0.24	0.13	0.21
529	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	0.38	41	CL	0.17	0.28				
530	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	0.39	41	CL			0.15	0.24		
531	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	0.39	41	CL					0.13	0.20

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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Product Line ID: FLE-M-106

Simulation Orig Report Date: 7/7/2023

Series/Model: Series 3200-T Swinging Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 7/7/2023

Operator Type: Single Door-Stile & Rail

Frame Abs.: 0.3

Report Type: Recertification

Frame Type: Aluminum w/Thermal Breaks (AT)

Simulation Lab Code: SWWW

Sash Type: Aluminum w/Thermal Breaks (AT)

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

Option	Description/Code	Glass Thicknesses	Gap Width(s)	Gas	Emissivity(sfc)	Spacer/Seal	Divider	U-Factor	CR	Tint	No Dividers		Dividers < 1"		Dividers > 1"	
											SHGC	VT	SHGC	VT	SHGC	VT
532	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	0.36	43	CL	0.23	0.34	0.20	0.30	0.18	0.25
533	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	0.37	43	CL	0.23	0.34				
534	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	0.38	43	CL			0.20	0.29		
535	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	0.38	43	CL					0.18	0.25
536	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	0.35	42	CL	0.21	0.33	0.18	0.29	0.16	0.24
537	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	0.36	42	CL	0.20	0.33				
538	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	0.36	42	CL			0.18	0.28		
539	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	0.36	42	CL					0.16	0.24
540	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	0.36	43	CL	0.17	0.28	0.15	0.24	0.13	0.21
541	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	0.37	43	CL	0.17	0.28				
542	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	0.38	43	CL			0.15	0.24		
543	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	0.38	43	CL					0.13	0.20
544	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	0.34	42	CL	0.14	0.27	0.13	0.24	0.12	0.20
545	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	0.35	42	CL	0.15	0.27				
546	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	0.36	42	CL			0.13	0.23		
547	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	0.36	42	CL					0.12	0.20
548	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	0.35	42	CL	0.21	0.33	0.18	0.29	0.16	0.24
549	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	0.35	41	CL	0.20	0.33				
550	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	0.36	41	CL			0.18	0.28		
551	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	0.36	41	CL					0.16	0.24
552	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	0.35	42	CL	0.14	0.27	0.13	0.24	0.12	0.20
553	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	0.35	41	CL	0.14	0.27				
554	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	0.36	41	CL			0.13	0.23		
555	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	0.36	41	CL					0.12	0.20

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

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**RECERTIFICATION
REPORT**

Model/Series: Series 3200-T Swinging Door

WESTLab Report No.:

FLE23003-SS

WESTLab Report Date:

7/7/2023

Revision/Addendum Date:

7/7/2023

NFRC Product Line ID:

FLE-M-106

Report Type:

Recertification

Operator Type: Single Door-Stile & Rail

Frame Type: Aluminum w/Thermal Breaks (AT)

Sash Type: Aluminum w/Thermal Breaks (AT)

Baseline Product for U-Factor Validation Testing:

Description: Validation Unit Dual Glazed IG: 6mm Cardinal LE366 (e=0.020, sfc#2), 0.522" Air-filled Gap, 6mm Clear with Cardinal Endur spacer and no grids. The validation unit has an anodized finish. See W7 Option #999 for area weighted calculations.

Simulated U-factor: 0.45

Test Size (mm): 960 x 2090 (37.8in. x 82.3in.)

Physical Test Tolerance: 0.41 to 0.50

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.