

NFRC Product Line Summary (2020 Std)

Simulation Report # FLE19003-1A-SS

Manufacturer: Fleetwood Windows & Doors

Product Line ID: FLE-M-117

Simulation Orig Report Date: 2/3/2020

Series/Model: Series 4400-T Pivot Door

Model Size: 960mm x 2090mm

Simulation Revision Date: 6/10/2022

Operator Type: Swinging Door-Single Leaf Entrance Door

Frame Abs.: 0.3

Report Type: Simple Addendum

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

Simulation Lab Code: SWWW

Sash Type: Aluminum w/ Thermal Breaks - All Members (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
213	CIG366/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.020(2)	SS-D	N,G	0.44	41	CL	0.19	0.39	0.17	0.33	0.15	0.28
214	CIG366-i89/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.020(2) 0.149(4)	SS-D	N,G	0.40	40	CL	0.18	0.38	0.16	0.33	0.14	0.28
215	CIG272/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.042(2)	SS-D	N,G	0.44	40	CL	0.26	0.43	0.23	0.37	0.20	0.31
216	CIG272-i89/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.40	40	CL	0.25	0.42	0.22	0.36	0.20	0.31
217	CIG180/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.068(2)	SS-D	N,G	0.45	40	CL	0.38	0.47	0.33	0.41	0.29	0.35
218	CIG180-i89/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.068(2) 0.149(4)	SS-D	N,G	0.41	40	CL	0.37	0.46	0.32	0.40	0.28	0.34
219	SN68/Air 10mm A1-D	0.394, 0.394	0.749	AIR	0.039(2)	A1-D	N,G	0.48	38	CL	0.25	0.42	0.22	0.36	0.19	0.30
220	SN68/Arg 10mm A1-D	0.394, 0.394	0.749	ARG	0.039(2)	A1-D	N,G	0.46	38	CL	0.24	0.42	0.21	0.36	0.19	0.30
221	SNX62/Air 10mm A1-D	0.394, 0.394	0.749	AIR	0.020(2)	A1-D	N,G	0.48	38	CL	0.18	0.38	0.16	0.33	0.14	0.28
222	SNX62/Arg 10mm A1-D	0.394, 0.394	0.749	ARG	0.020(2)	A1-D	N,G	0.45	38	CL	0.18	0.38	0.16	0.33	0.14	0.28
223	SN68/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.039(2)	ZF-S	N,G	0.43	41	CL	0.24	0.42	0.21	0.36	0.19	0.30
224	SN68-IS20/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.40	40	CL	0.24	0.40	0.21	0.35	0.18	0.29
225	SNX62/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.020(2)	ZF-S	N,G	0.43	41	CL	0.18	0.38	0.16	0.33	0.14	0.28
226	SNX62-IS20/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.40	40	CL	0.17	0.37	0.15	0.31	0.14	0.27
227	SN68/Arg 10mm TS-D	0.394, 0.394	0.747	ARG	0.039(2)	TS-D	N,G	0.44	40	CL	0.24	0.42	0.21	0.36	0.19	0.30
228	SN68-IS20/Arg 10mm TS-D	0.394, 0.394	0.747	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.40	39	CL	0.24	0.40	0.21	0.35	0.18	0.29
229	SNX62/Arg 10mm TS-D	0.394, 0.394	0.747	ARG	0.020(2)	TS-D	N,G	0.43	41	CL	0.18	0.38	0.16	0.33	0.14	0.28
230	SNX62-IS20/Arg 10mm TS-D	0.394, 0.394	0.747	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.40	40	CL	0.17	0.37	0.15	0.31	0.14	0.27

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)

Manufacturer: Fleetwood Windows & Doors

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**ADDENDUM REPORT
Added Matrix Options
#213 - #230
(Add 8mm and 10mm
glass w/ all spacers)**

**WESTLab Report No.:
FLE19003-1A-SS**

**WESTLab Report Date:
2/3/2020**

**Revision/Addendum Date:
6/10/2022**

**NFRC Product Line ID:
FLE-M-117**

**Report Type:
Simple Addendum**

Model/Series: Series 4400-T Pivot Door

Operator Type: Swinging Door-Single Leaf Entrance Door

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: Simple Addendum - No validation unit required. See original
WESTLab report FLE19003-HH for validation product details.**

Simulated U-factor:

Test Size (mm): x

Physical Test Tolerance: to

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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