NFRC Product Line Summary (2020 Std)

Simulation Report # FLE20001-1A-SS

Manufacturer: Fleetwood Windows & Doors
Series/Model: Edge |f| Fixed
Operator Type: Fixed (Picture Windows)
Frame Type: Aluminum w/ Thermal Breaks - All Members (AT)
Sash Type: No Sash

Product Line ID: FLE-M-119
Model Size: 1200mm x 1500mm
Frame Abs.: 0.3

Simulation Orig Report Date: 6/11/2020
Simulation Revision Date: 6/10/2022
Report Type: Simple Addendum
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
163	CIG366/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.020(2)	SS-D	N,G	0.32	42	CL	0.27	0.61	0.25	0.55	0.23	0.50
164	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	42	CL	0.26	0.60	0.24	0.54	0.22	0.49
165	CIG272/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.042(2)	SS-D	N,G	0.33	43	CL	0.39	0.68	0.36	0.61	0.32	0.55
166	CIG272-I89/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.042(2) 0.149(4)	SS-D	N,G	0.28	42	CL	0.38	0.67	0.34	0.60	0.31	0.54
167	CIG180/Arg 8mm SS-D	0.315, 0.315	0.837	ARG	0.068(2)	SS-D	N,G	0.34	43	CL	0.58	0.75	0.53	0.68	0.48	0.61
168	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	41	CL	0.56	0.73	0.51	0.66	0.46	0.60
169	SN68/Air 10mm A1-D	0.394, 0.394	0.749	AIR	0.039(2)	A1-D	N,G	0.38	39	CL	0.36	0.66	0.33	0.60	0.30	0.54
170	SN68/Arg 10mm A1-D	0.394, 0.394	0.749	ARG	0.039(2)	A1-D	N,G	0.34	39	CL	0.36	0.66	0.33	0.60	0.30	0.54
171	SNX62/Air 10mm A1-D	0.394, 0.394	0.749	AIR	0.020(2)	A1-D	N,G	0.37	39	CL	0.27	0.60	0.24	0.54	0.22	0.49
172	SNX62/Arg 10mm A1-D	0.394, 0.394	0.749	ARG	0.020(2)	A1-D	N,G	0.33	39	CL	0.26	0.60	0.24	0.54	0.22	0.49
173	SN68/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.039(2)	ZF-S	N,G	0.32	44	CL	0.36	0.66	0.33	0.60	0.30	0.54
174	SN68-IS20/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.039(2) 0.198(4)	ZF-S	N,G	0.27	43	CL	0.35	0.64	0.32	0.58	0.29	0.52
175	SNX62/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.020(2)	ZF-S	N,G	0.32	44	CL	0.26	0.60	0.24	0.54	0.22	0.49
176	SNX62-IS20/Arg 10mm ZF-S	0.394, 0.394	0.750	ARG	0.020(2) 0.198(4)	ZF-S	N,G	0.27	43	CL	0.25	0.58	0.23	0.52	0.21	0.47
177	SN68/Arg 10mm TS-D	0.394, 0.394	0.747	ARG	0.039(2)	TS-D	N,G	0.33	43	CL	0.36	0.66	0.33	0.60	0.30	0.54
178	SN68-IS20/Arg 10mm TS-D	0.394, 0.394	0.747	ARG	0.039(2) 0.198(4)	TS-D	N,G	0.28	42	CL	0.35	0.64	0.32	0.58	0.29	0.52
179	SNX62/Arg 10mm TS-D	0.394, 0.394	0.747	ARG	0.020(2)	TS-D	N,G	0.32	43	CL	0.26	0.60	0.24	0.54	0.22	0.49
180	SNX62-IS20/Arg 10mm TS-D	0.394, 0.394	0.747	ARG	0.020(2) 0.198(4)	TS-D	N,G	0.27	42	CL	0.25	0.58	0.23	0.52	0.21	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

WESTLab
An NFRC Accredited Simulation Laboratory

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

Manufacturer: **Fleetwood Windows & Doors**

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ADDENDUM REPORT
Added Matrix Options #163 - #180
(Add 8mm and 10mm glass w/ all spacers)

WESTLab Report No.: **FLE20001-1A-SS**

WESTLab Report Date: **6/11/2020**

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

NFRC Product Line ID: **FLE-M-119**

Report Type: **Simple Addendum**

Model/Series: **Edge |f| Fixed**

Operator Type: Fixed (Picture Windows)

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

Sash Type: No Sash

Baseline Product for U-Factor Validation Testing:

Description: **Simple Addendum - No validation unit required.** See original WESTLab report FLE20001-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.

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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