

# NFRC Product Line Summary (2017 Std)

Simulation Report # FLE16001-4A-HH

**Manufacturer Name:** Fleetwood Windows & Doors

**Product Line ID:** FLE-M-89

**Simulation Orig Report Date:** 2/22/2016

**Series/Model:** Series 3800-T Fixed

**Model Size:** 1200mm x 1500mm

**Simulation Revision Date:** 10/15/2019

**Operator Type:** Fixed-4-Sided

**Frame Abs.:** 0.3

**Report Type:** Simple Addendum

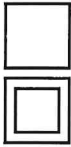
**Frame/Sash Type:** Aluminum w/ Thermal Breaks - All Members (AT) / No Sash

**Simulation Lab Code:** SWWW

Note: #Grp'd indicates the number of options in that matrix row, this number will not match the NFRC database option numbers.

Opt#	#Grp'd	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
402	2	SN68/Arg 10mm-Technoform-1.25"	0.394, 0.394	0.470	ARG	0.039(2)	TS-D	N,G	<b>0.30</b>	<b>42</b>	CL	<b>0.35</b>	0.63	<b>0.32</b>	0.56		
403	2	SNX62/Arg 10mm-Technoform	0.394, 0.394	0.470	ARG	0.020(2)	TS-D	N,G	<b>0.30</b>	<b>42</b>	CL	<b>0.24</b>	0.55	<b>0.22</b>	0.49		
404	2	SN68/Arg 10mm-Technoform-1.50"	0.394, 0.394	0.712	ARG	0.039(2)	TS-D	N,G	<b>0.31</b>	<b>42</b>	CL	<b>0.35</b>	0.63	<b>0.31</b>	0.56		
405	2	SNX62/Arg 10mm-Technoform	0.394, 0.394	0.712	ARG	0.020(2)	TS-D	N,G	<b>0.31</b>	<b>42</b>	CL	<b>0.24</b>	0.55	<b>0.21</b>	0.49		

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**

An NFRC Accredited  
Simulation Laboratory

**ANSI/NFRC 100/200-2017/NFRC 500-2017  
Simulation Report**

**Manufacturer: Fleetwood Windows & Doors**

**Contact: Joe Zammit**

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**Phone: (951) 279-1070**

**Model/Series: Series 3800-T Fixed**

**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: Addendum Report - Physical Testing Not Required.**  
Refer to the original report 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 100-2017) unless otherwise noted in the "Other Notes and Comments" section.

**Signature of Simulator  
In-Responsible-Charge:**

Steve Coble, 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 100-2017, ANSI/200-2017 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.

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