## NFRC Product Line Summary (2014 Std)

**Manufacturer Name:** Fleetwood Windows & Doors  
**Series/Model:** Series 3800-T Fixed  
**Operator Type:** Fixed-4-Sided  
**Frame/Sash Type:** Aluminum w/ Thermal Breaks - All Members (AT) / No Sash

**Product Line ID:** FLE-M-89  
**Model Size:** 1200mm x 1500mm  
**Frame Abs.:** 0.3  
**Simulation Report #:** FLE16001-2A-RH  
**Simulation Orig Date:** 2/22/2016  
**Simulation Rev Date:** 2/10/2017  
**Report Type:** Simple Addendum  
**Simulation Lab Code:** SWWW

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### Notes:
- If options in this matrix are grouped (i.e. there are group ID numbers), the option numbers will not match the NFRC database option numbers.

### Table:

<table>
<thead>
<tr>
<th>Opt#</th>
<th>Ggp'd</th>
<th>Description/Code</th>
<th>Glass Thicknesses</th>
<th>Gap Width(s)</th>
<th>Gas</th>
<th>Emissivity(sfc)</th>
<th>Spacer/Seal</th>
<th>Divider</th>
<th>U-Factor</th>
<th>CR</th>
<th>Tint</th>
<th>Dividers &lt; 1&quot;</th>
<th>Dividers &gt; 1&quot;</th>
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<tr>
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<td>SN68/Air/Cl/Ar/SN68 5mm</td>
<td>0.197, 0.197, 0.197</td>
<td>0.503, 0.503</td>
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<td>0.039(2) 0.039(5)</td>
<td>TS-D</td>
<td>N,G</td>
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<td>42</td>
<td>CL</td>
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</tbody>
</table>

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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)

**Matrix Page 1**  
**Initials:**
Manufacturer: Fleetwood Windows & Doors

Contact: Joe Zammit
Address: 1 Fleetwood Way
Corona, CA 92879
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: x
Test Size (mm): 
Physical Test Tolerance: to

NFRC Standard Size: 
Note: if the test product is not an NFRC standard size, see the Window mdb file for U-factor calculation.

Signature of Simulator In-Responsible-Charge: Ross DePaola, 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 100-2014, ANSI/NFRC 200-2014 and 500-2014, 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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