# PRODUCT PERFORMANCE TEST REPORT

**FOR:** Andersen Corporation  
100 Fourth Avenue North  
Bayport, MN 55003-1096  
REPORT NO.: A4660.03-201-47  
TEST DATE: 10/06/10  
REPORT DATE: 03/22/11  
EXPIRATION DATE: 10/06/14

**PRODUCT TESTED:** FLX10050 Low-E IR

**TEST METHODS:**  
- AAMA/WDMA/CSA 101/1.S.2/A440-08, AAMA/WDMA/CSA 101/1.S.2/A440-05  
- Air Infiltration per ASTM E 283  
- Water Penetration per ASTM E547  
- Forced Entry Resistance per ASTM E 588  
- ASTM E 1886-05, ASTM E 1996-05, ASTM E 1886-02, ASTM E 1996-02

**RATINGS:** Class LC-PG70 Size Tested 120.0 x 60.0 in. DP +70/-70  
FW-LC70 3048 x 1524 (120 x 60)

**RESULTS:**

<table>
<thead>
<tr>
<th>TEST</th>
<th>RESULTS</th>
<th>ALLOWED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Infiltration @ 75 Pa (1.57 psf)</td>
<td>&lt;0.05 L/s/m² (&lt;0.01 cfm/ft²)</td>
<td>1.50 L/s/m² (0.30 cfm/ft²)</td>
</tr>
<tr>
<td>Water Penetration @ 510 Pa (10.5 psf)</td>
<td>No Leakage</td>
<td>No Leakage</td>
</tr>
<tr>
<td>Structural Performance @ +5040 Pa (+105.0 psf)</td>
<td>&lt;0.3 mm (&lt;0.01&quot;)</td>
<td>0.4% L = 2.5 mm (0.10&quot;)</td>
</tr>
<tr>
<td>Structural Performance @ -5040 Pa (-105.0 psf)</td>
<td>&lt;0.3 mm (&lt;0.01&quot;)</td>
<td>0.4% L = 2.5 mm (0.10&quot;)</td>
</tr>
<tr>
<td>Impact and Pressure Cycle</td>
<td>DP +70/-70</td>
<td>Missile D, Wind Zone 4</td>
</tr>
</tbody>
</table>

**REFERENCE:** See ATI Report No. A4660.01-201-47 for complete test results.

A copy of this report will be retained by ATI for a period of four years. This report is the exclusive property of the client so named herein and is applicable to the sample tested. Results obtained are tested values and do not constitute an opinion or endorsement by this laboratory.

**ARCHITECTURAL TESTING, INC**

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