### SUMMARY TEST REPORT

**FOR:** Andersen Corporation  
100 Fourth Avenue North  
Bayport, MN 55003  

**Report Number:** C9665.03-201-47  
**Test End Date:** 06/25/2013  
**Report Date:** 07/25/2013  
**Test Record Retention End Date:** 07/25/2017

**SERIES TESTED:**  
**MODEL TESTED:** 400 Series Double Hung  
TW3852 DPUP IG

<table>
<thead>
<tr>
<th>NAFS-08/-11</th>
<th>NAFS-05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class LC-PG50 Size Tested 45.6 x 64.9 in. DP+50/-65</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Test**  
**Results Summary**

- **Operating Ease**  
  Pass, 94 N (21 lbf) in motion  
- **Resistance to Air Infiltration**  
  0.09 cfm/ft² (ASTM E283)  
- **Resistance to Water Penetration**  
  Pass at DP50 (ASTM E547)  
- **Resistance to Structural Loading**  
  Pass at DP+50/-65 (ASTM E330)  
- **Forced Entry Resistance**  
  Pass (ASTM F 588)

**CAN/CSA A440-00,** Evaluation to the prescriptive requirements were not performed

<table>
<thead>
<tr>
<th>Test</th>
<th>Rating</th>
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</thead>
<tbody>
<tr>
<td>Operating Ease</td>
<td>Pass</td>
</tr>
<tr>
<td>Air Tightness</td>
<td>A3</td>
</tr>
<tr>
<td>Water Tightness</td>
<td>B3</td>
</tr>
<tr>
<td>Wind Load Resistance</td>
<td>C3</td>
</tr>
<tr>
<td>Blow-Out</td>
<td>C3</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Test</th>
<th>Results Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impact</td>
<td>(N/A)</td>
</tr>
<tr>
<td>Pressure Cycling</td>
<td>(N/A)</td>
</tr>
</tbody>
</table>

**REFERENCE:**  
See ATI Report No. C9665.01-201-47 and C9665.02-201-47 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 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.

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