### PRODUCT TEST RESULTS

**R-Guard FastFlash®**

#### AAMA 714-12: VOLUNTARY SPECIFICATION FOR LIQUID-APPLIED FLASHING USED TO CREATE A WATER-RESISTIVE SEAL AROUND EXTERIOR WALL OPENINGS IN BUILDINGS

<table>
<thead>
<tr>
<th>TEST</th>
<th>METHOD</th>
<th>CRITERIA</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive Strength to Substrates</td>
<td>ASTM C 794</td>
<td>≥ 5 pli</td>
<td>Pass</td>
</tr>
<tr>
<td>Water Penetration Around Nails</td>
<td>Modified ASTM D 1970 AAMA 711 Section 5.3</td>
<td>Shall pass 31 mm (1.2 in) of water</td>
<td>Pass</td>
</tr>
<tr>
<td>Accelerated UV Aging Peel Adhesion</td>
<td>ASTM G 154, UVA cycle 1 ASTM C 794, Visual</td>
<td>≥ 5 pli</td>
<td>Pass</td>
</tr>
<tr>
<td>Appearance</td>
<td>AAMA 711 ASTM C 794</td>
<td>≥ 5 pli</td>
<td>Pass</td>
</tr>
<tr>
<td>Elevated Temperature Exposure, Level 3=176°F for 7 days</td>
<td>AAMA 711 ASTM C 794</td>
<td>≥ 5 pli</td>
<td>Pass</td>
</tr>
<tr>
<td>Thermal Cycling (10 cycles) Peel Adhesion</td>
<td>AAMA 711 ASTM C 794</td>
<td>≥ 5 pli</td>
<td>Pass</td>
</tr>
<tr>
<td>Crack Bridging</td>
<td>ASTM C 1305</td>
<td>Water holdout of 550 millimeters for 24 hours with 1/8-inch crack after cycling per ASTM C 1305 for 10 cycles.</td>
<td>Pass</td>
</tr>
<tr>
<td>Water Immersion</td>
<td>AAMA 711 ASTM C 794</td>
<td>≥ 5 pli</td>
<td>Pass</td>
</tr>
<tr>
<td>Water Vapor Permeability</td>
<td>ASTM E 96 Wet Cup</td>
<td>Minimum of 10 perms at manufacturer’s recommended application thickness</td>
<td>Pass – 21 perms</td>
</tr>
<tr>
<td>Damp Surfaces</td>
<td>ASTM C 794</td>
<td>≥ 5 pli</td>
<td>Pass</td>
</tr>
</tbody>
</table>

#### ICC-ES AC212: ACCEPTANCE CRITERIA FOR WATER-RESISTIVE COATINGS USED AS WATER-RESISTIVE BARRIERS OVER EXTERIOR SHEATHING (*FastFlash® TESTED AS PART OF AN ASSEMBLY*)

* *Tensile Bond*  
ASTM C 297  
Minimum 15 psi (105 kPa)  
Pass

* *Freeze-Thaw*  
ICC-ES AC212  
No cracking, checking, crazing, erosion, delamination or other deleterious effects  
Pass

* *Water Resistance*  
ASTM D 2247  
No cracking, checking, crazing, erosion, delamination or other deleterious effects  
Pass

* *Water Penetration*  
ASTM E 331  
No visible water penetration at sheathing joints as viewed from back of the panel.  
Pass

* *Weathering*  
ICC-ES AC212 AATCC 127  
No cracking of the coating; no water penetration.  
Pass

#### ABAA: AIR BARRIER ASSOCIATION OF AMERICA ACCEPTANCE CRITERIA FOR LIQUID APPLIED MEMBRANES (*FastFlash® TESTED AS PART OF AN ASSEMBLY*)

* *Air Leakage of Air Barrier Assemblies*  
ASTM E 2357  
≤ 0.2 L / s·m² at 75 Pa  
(≤ 0.04 cfm / ft² at 1.57 psf)  
Pass: 0.0105 L / s·m² at 75 Pa  
(0.0021 cfm / ft² at 1.57 psf)

#### FIRE TESTING

<table>
<thead>
<tr>
<th>Surface Burning Characteristics</th>
<th>ASTM E 84</th>
<th>Criteria for ICC and NFPA Class A Building Material: Flame Spread ≤ 25 Smoke Developed ≤ 450</th>
<th>Meets Class A Building Material Flame Spread: 15 Smoke Developed: 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Burning Characteristics of Building Materials and Assemblies (Canada)</td>
<td>CAN/ULC S102-10</td>
<td>N/A</td>
<td>Flame Spread Rating: 5 Smoke Developed Classification: 25</td>
</tr>
</tbody>
</table>

All testing was completed by independent, accredited laboratories. Test results are applicable to both gun-grade and roller-grade versions of R-Guard FastFlash®.

**NOTES:**

1. International Code Council Evaluation Service Acceptance Criteria 212
2. American Association of Textile Chemists and Colorists