

PRODUCT TEST RESULTS

R-Guard Joint & Seam Filler



ICC-ES AC212¹: ACCEPTANCE CRITERIA FOR WATER-RESISTIVE COATINGS USED AS WATER-RESISTIVE BARRIERS OVER EXTERIOR SHEATHING (*JOINT & SEAM FILLER TESTED AS PART OF AN ASSEMBLY)

| TEST | METHOD | CRITERIA | RESULTS |
|---|---|---|---------|
| *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 |
| *Structural, Racking, Restrained Environmental Conditioning & Water Penetration | ASTM E 1233A ASTM E 72 ICC-ES AC212 ASTM E 331 | No cracking of the coating | Pass |
| *Weathering | ICC-ES AC212 AATCC ² 127 | No cracking of the coating; no water penetration | Pass |

ABAA: AIR BARRIER ASSOCIATION OF AMERICAN ACCEPTANCE CRITERIA FOR LIQUID APPLIED MEMBRANES (*JOINT & SEAM FILLER TESTED AS PART OF AN ASSEMBLY)

| TEST | METHOD | CRITERIA | RESULTS |
|--|-------------|---|---|
| *Air Leakage of Air Barrier Assemblies | ASTM E 2357 | ≤ 0.2 L / s·m ² at 75 Pa (≤ 0.04 cfm / ft ² at 1.57 psf) | Pass 0.0105 / s·m ² at 75 Pa (0.0021 cfm / ft ² at 1.57 psf) |

FIRE TESTING (*JOINT & SEAM FILLER TESTED AS PART OF AN ASSEMBLY)

| TEST | METHOD | CRITERIA | RESULTS |
|--|-----------------------|---|---|
| *Fire Propagation Characteristics of Exterior Non-load-bearing Wall Assemblies | NFPA ³ 285 | Must resist flame propagation and flame spread | Pass ⁴ |
| Surface Burning Characteristics | ASTM E 84 | Criteria for ICC and NFPA Class A Building Material Flame Spread ≤ 25 Smoke Developed ≤ 450 | Meets Class A Building Material Flame Spread: 15 Smoke Developed: 5 |

All testing was completed by independent, accredited laboratories.

NOTES:

1. International Code Council Evaluation Service Acceptance Criteria 212
2. American Association of Textile Chemists and Colorists
3. National Fire Protection Association
4. Southwest Research Institute Report No. 01.17421.01.001