

Tests Required for Product Submission	Reflective Insulation	Radiant Barrier	IRCC	Facer Film	Radiant Barrier Sheathing
ASTM C1371 Thermal Emittance	✱	✱	✱	✱	✱
ASTM C1224 (Section 9.5) Adhesive Performance	✱				
ASTM C1313 (Section 10.1 and 10.2) Adhesive Performance		✱			✱ ✧
ASTM D3310– Modified (RIMA’s internal method) Resiliency		✱		✱	✱
ASTM C1258 Elevated Temperature and Humidity Resistance	✱				
ASTM D2261 Tongue Tear Test		✱			
ASTM C1338 Fungi Resistance	✱	✱			✱
ASTM E96 Water Vapor Transmission	✱	✱			✱ †
ASTM E84 (E2599) Flame Spread/Smoke Developed	✱	✱			✱
ASTM G-154 *† Oxidation Resistance/ Non- Metalized Surface Degradation (for non-metallic polymer facers only)	✱				

✧ Section 10.2 not applicable to radiant barrier sheathing products

† Permeability of radiant barrier sheathing products only performed on laminate.

* ASTM G-154 or approved equivalent (by Verification Committee)

† ASTM G-154 Test Requirements:

- Cycle 1, 2000 Hours (Table X2.1- Common Exposure Conditions)
- Pre/Post-Comparison, ASTM D882 (Standard Test Method for Tensile Properties)
- Pass/Fail Criteria: >50% Retention of Tensile Strength
- Pre/Post Photos Required with Report