

**AC207 Test Results Summary**

Test Description	Standard	Test Requirement	Test Results	Pass/Fail
Unroll-ability	AC207 Section 3.8	The finished product shall not crack or become so sticky as to cause tearing or other damage, upon being unrolled at temperatures between 50°F and 140°F (10°C and 60°C).	No Tearing or other damage was observed upon being unrolled at specified temperatures	Pass
Water-Vapor Transmission	AC207 Section 4.1	Report results from testing in accordance with ASTM E 96/E96M-13, Procedure B.	Average Permeance: .2707 perms	N/A
Pliability	AC207 Section 4.2	No cracking shall occur when bent 90° at a uniform speed over a rounded corner of ½-inch radius.	No cracking occurred	Pass
Liquid Water Transmission	AC207 Section 4.3	No sign of any liquid water wetness on either specimen underside or top of plywood support or visible deterioration of the specimen.	No signs of wetness on the top or bottom surfaces of the plywood on either specimen. No deterioration of either specimen was observed.	Pass
Fastener Pull-Through	AC207 Section 4.4	For each exposure condition, the average rupture resistance of ten specimens of the subject material shall be a minimum of 25 lbf (111 kg) for the roofing nail and 17 lbf (76 kg) for the staple	For each exposure condition, the average rupture resistance of ten specimens of the subject material met the minimum requirements of 25 lbf (111 kg) for the roofing nail and 17 lbf (76 kg) for the staple.	Pass
Tear Resistance	AC207 Section 4.5	For each exposure condition the average tear resistance of the 10 specimens in both the machine direction and cross-machine direction shall be a minimum of 2560 grams-force (5.64 lbf)	Guardmax Roofing Underlayment demonstrated passing results when tested to AC207 Standard Specification for Polypropylene Roof Underlayment's: Tear Resistance	Pass
Accelerated Aging	AC207 Section 4.6	No visible damage to the specimens such as cracking, chipping or delamination shall occur.	No visible damage to the specimens	Pass
Ultraviolet Exposure	AC207 Section 4.7	No visible surface or structural changes such as peeling, chipping, cracking, flaking or pitting shall occur when observed under a minimum of five-power magnification.	No visible damage to the specimens such as peeling, chipping, cracking, flaking or pitting occurred when observed under a minimum of five-power magnification.	Pass

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