

Product Technical Data Sheet

GAP WaterGuard AMT

Architectural Metal & Tile Underlayment

Synthetic Roofing Underlayment

Description: GAP WaterGuard AMT Architectural Metal & Tile Synthetic Roofing Underlayment is a polypropylene, two-side coated woven fabric containing a patented slip resistant surface (U.S. Patent # 7745353) and is used as a secondary roofing protection, mechanically attached to the roof sheathing under the primary roofing material. Its “premium” performance allows for use under all standard types of roofing cladding.

Product Specifications: Polypropylene woven scrim (UV stabilized), 1.5 mil/1.2 mil average coating weight (beige top/grey bottom), total weight 4.2 oz./yd² (142 g/m²) +/- 5%, and an overall thickness of 10 mil (ASTM D1777). Rolls have a 2” core, 48” (width) x 250’ (length) and weigh approximately 31 lb. per roll.

Material Performance:

Data (MD – Machine Direction, CD - Cross Direction)

Rolls Per Pallet	30
Mullen Burst (ASTM D3786)	250 psi (1725 kPa)
Slip Resistance (ASTM 1679)	>1 (Tribometer)
Grab Tensile (ASTM D5034)	MD 170 lb. (756 N) / CD 130 lb. (578 N)
Strip Tensile (ASTM D5035) – N/5cm	MD 120 lb. (1052 N) / CD 85 lb. (745 N)
Tensile Elongation (ASTM D5035)	MD 20% / CD 20%
Tongue Tear (ASTM D2261)	MD 55 lb. (244 N) / CD 50 lb. (222 N)
Trapezoidal Tear (ASTM 4533)	MD 55 lb. (244 N) / CD 45 lb. (200 N)
Moisture Vapor Transmission (ASTM E96)	0.06 perms (0.41 g/day-m ²)
Pliability (ASTM D146)	Pass (no cracking)
Water Ponding (CAN/CSA A220.1)	Pass (no dripping)
Low Temperature Flexibility (ASTM D1970)	Pass (no cracking, 5° F / -15° C)
Operating Temperature Rating	-40° F (-40° C) to 240° F (115° C)
Puncture (T 803)	5.5 joules
UV Weathering	12 months (UV Stabilized)
Class A Fire Rating (ASTM E108)	Pass
Florida Building Code Approved	FL 6902
ICC-ES Acceptance for Roof Underlayment	(AC 188) ESR-2185
Hail Resistance Rating (UL 2218)	Pass
Impact Resistance (ASTM D1709)	Pass
Roofing Underlayments (ASTM D226)	Pass

Note: We believe that the above statements are reliable and should be used for general guidance purposes only and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for purpose. There is no warrant of fitness for a purpose. Our standard terms and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products or publications. These data should not be considered a specification.