



Product Technical Data Sheet

GAP Synthetic Guard Shield

Description: GAP Synthetic Roofing Underlayment is a white polypropylene two-side coated woven fabric with a top polypropylene non-woven slip resistant surface and used as a secondary roofing protection, mechanically attached to the roof sheathing and under an asphaltic single application.

Product Specifications: White polypropylene woven scrim, 1.0 mil/1.0 mil average coating weight (Grey non-woven top/White bottom), total weight 2.7 oz./yd² (92 g/m²) +/- 5%, and an overall thickness of 6 mil (ASTM D1777). Rolls have a 2" core, 48" (width) x 250' (length) and weight approximately 20 lb. per roll.

Material Performance:

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

Strip Tensile (ASTM D-1970)

MD 75 lb. / CD 40 lb.

Trapezoidal Tear (ASTM 4533)

MD 30 lb. / CD 25 lb.

Pliability (ASTM D-226)

Pass

UV Weathering(AC 188)

Pass (maximum UV exposure 90 days)

Class A Fire Rating (ASTM E-108)

Pass

Moisture Vapor Permeance

0.06 U.S. perms (Nominal)

Roofing Underlayments(ASTM D-226, Type I & II)

Pass

Roofing Underlayments(ASTM D-4869, Type I, II, III & IV)

Pass

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