

**Description**

APPeX 4.5M is an APP modified bitumen sheet. It incorporates the features of a tough, nonwoven, polyester mat that is saturated and coated with a blend of APP (Atactic Polypropylene) polymer and high-quality asphalt.

APPeX 4.5M has a construction that provides an extremely durable sheet with excellent weathering properties. The premium APP asphalt blend is formulated to provide excellent physical properties for ease of installation and long-term roof performance.

The polyester mat provides good tensile strength, toughness and puncture resistance, and can accommodate stresses created by typical rooftop expansion and contraction forces.

The covering layer of ceramic-coated roofing granules provides durability along with superior resistance to damage from weather and foot traffic. The white mineral surface also provides heat reflectance. The back of the sheet has a printed polyolefin burn-off film adhered to a diamond-embossed, textured surface for ease of heat welding.

**Use**

APPeX 4.5M is designed for use as a premium modified bitumen cap or flashing sheet. Only install using heat-welding application techniques.

**Colors**

Colors others than White—Weathered Wood, Red, Burnt Sienna, Chestnut, Slate, Tan and Terra Cotta—are available in the Pacific and Southwest districts only.



**Advantages**

- The polyester mat provides excellent puncture and tear resistance.
- The premium quality APP blend allows for excellent weathering characteristics.
- The premium thickness sheet combined with the premium quality APP blend allows for the maximum overall sheet performance.

**Typical Physical Properties\***

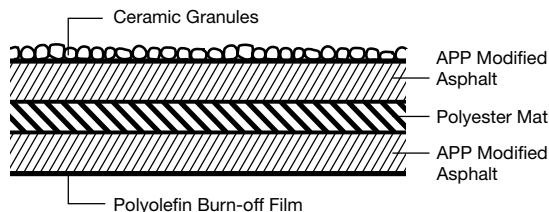
**Material meets or exceeds the criteria for ASTM 6222, Type I, Grade G.**

Thickness	165 mil (4.2 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	90 lb force/in. width (40.8 kN/m)
Cross Machine Direction	55 lb force/in. width (24.9 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction	38%
Cross Machine Direction	42%
Tensile-Tear	
Machine Direction	101 lb/in. (45.8 kN/m)
Cross Machine Direction	62 lb/in. (28.1 kN/m)
Low Temperature Flexibility	14°F (-10°C)
Dimensional Stability	
Machine Direction	0.90% change
Cross Machine Direction	0.60% change

\* Material tested in accordance with ASTM D 5147 Standard Test Method for Sampling and Testing Modified Bituminous Sheet Materials.

**Sizes**

Roll size	Approximately 100 ft <sup>2</sup> (9.29 m <sup>2</sup> )
Roll weight	106 lb (48.1 kg)
Roll length	32' 10" (10.01 m)
Roll width	39 <sup>3</sup> / <sub>8</sub> " (1 m)



Refer to the Material Safety Data Sheet and product label prior to using this product.