

Description

APPeX 4S 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 4S 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 surface of the sheet has a light nonblocking surfacing. 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 4S is designed for use as a premium, modified bitumen sheet either as a cap sheet or as an interply sheet in a multiple-ply roofing system. When used as a cap sheet, the use of an approved surfacing is required. When coated with specific UL® listed coatings, UL Class A ratings may be obtained in numerous constructions, both new and re-roof at slopes up to 3½" per foot (291 mm/m). This product may only be installed using heat-welding application techniques.



Advantages

- The polyester mat provides excellent puncture and tear resistance.
- The premium quality APP blend allows for excellent weathering characteristics.
- The product's flexibility and dimensional stability provide ease of handling, resulting in quick installations.

Typical Physical Properties*

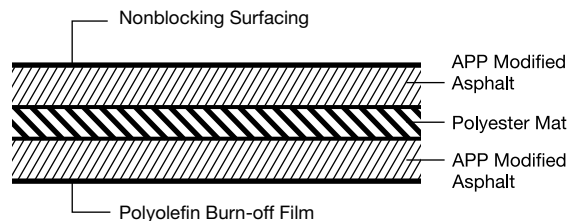
Material meets or exceeds the criteria for ASTM 6222, Type I, Grade S.

Thickness	150 mil (3.8 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	42%
Cross Machine Direction	46%
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 ft² (9.29 m²)
Roll weight	89 lb (39.9 kg)
Roll length	32' 10" (10.01 m)
Roll width	39¾" (1 m)



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