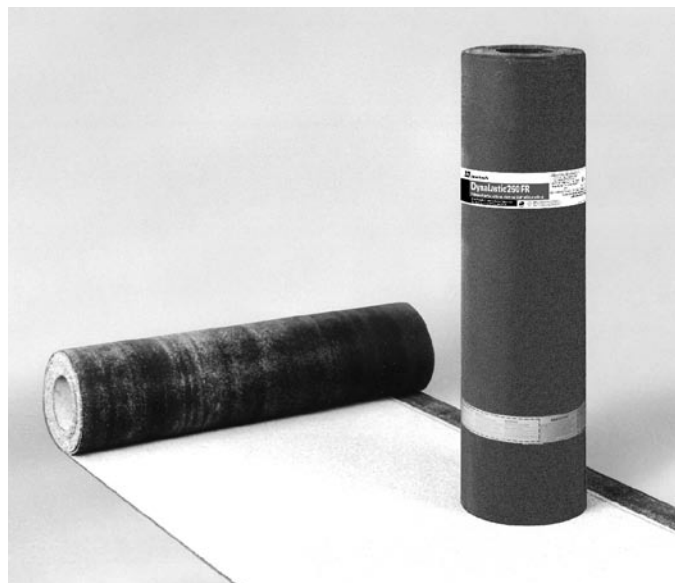


Description

DynaLastic 250 FR is a fire-resistant, polyester-reinforced SBS modified bitumen sheet. It incorporates the features of a tough, 250 g/m² (7.38 oz/yd²), nonwoven polyester mat that is saturated and coated with a blend of SBS (Styrene-Butadiene-Styrene) rubber, high-quality asphalt and fire-retardant additives. The elastomeric asphalt blend has full recovery properties after 100% elongation and lends elasticity and flexibility to the sheet. The polyester mat provides excellent 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 foot traffic. In addition, the white granules offer improved heat reflectivity and resistance to temperature stress.

Use

DynaLastic 250 FR is designed for use as a quality modified bitumen sheet in UL® fire-rated, multiple-ply roofing systems. DynaLastic 250 FR has UL Class A ratings in numerous constructions, without the use of additional coatings. It is ideal for low- slope applications (inclines up to ½" per foot [41.6 mm/m]), and is recommended for this application with Types III and IV asphalt. For slopes from ½" to 3" per foot (41.6 to 250 mm/m), only Type IV asphalt is recommended. Because of its excellent weatherability, durability and handling characteristics, DynaLastic 250 FR may be used both as a modified bitumen cap sheet or as a flashing material; however, we require using DynaFlex™ for flashing applications in many specifications. DynaLastic 250 FR may also be installed in JM MBR® Cold Application Adhesive. This product is not to be installed using heat-welding application techniques.



Advantages

- The polyester mat provides superior puncture and tear resistance.
- The elongation and recovery properties of the SBS blend allow the product to easily accommodate the continual expansion and contraction strains experienced on all roofs.
- The product's flexibility and dimensional stability provide ease of handling, resulting in quick installations.
- Fire-retardant formulation

Typical Physical Properties*

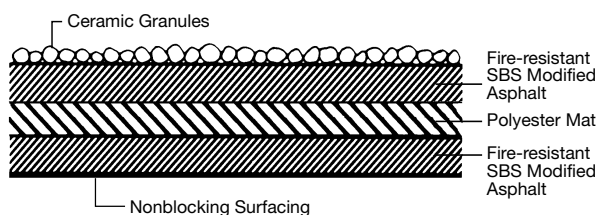
Material meets or exceeds the criteria for ASTM D 6164, Type II, Grade G.

Thickness	160 mil (4.06 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	150 lb force/in. width (26.25 kN/m)
Cross Machine Direction	115 lb force/in. width (20.13 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction	45%
Cross Machine Direction	45%
Tensile-Tear	
Machine Direction	170 lb/in. (29.75 kN/m)
Cross Machine Direction	120 lb/in. (21.0 kN/m)
Low Temperature Flexibility	-10°F (-23°C)
Dimensional Stability	
Machine Direction	0.70% change
Cross Machine Direction	0.30% change

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

Sizes

Roll size	100 ft ² (9.29 m ²)
Roll weight	105 lb (47.63 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.