

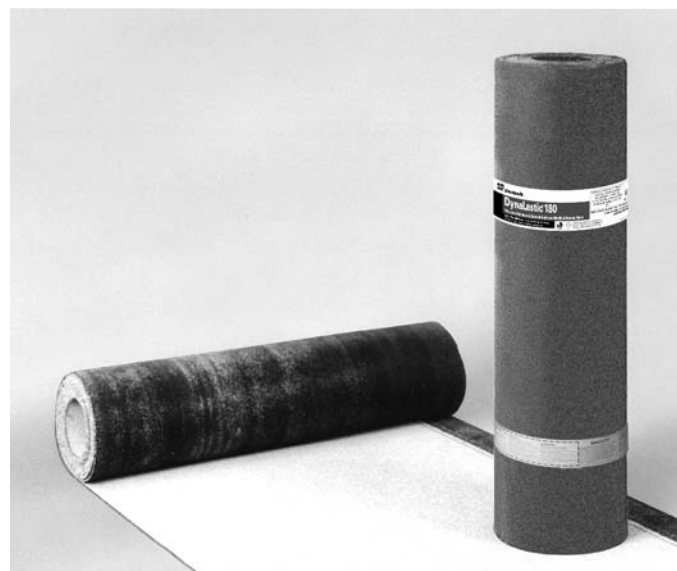
**Description**

DynaLastic 180 is a polyester/glass scrim-reinforced SBS modified bitumen cap or flashing sheet. It incorporates the features of a tough, nonwoven polyester mat and bi-directional glass scrim reinforcement. The covering layer of ceramic-coated roofing granules provides durability along with superior resistance to damage from weather and foot traffic.

The elastomeric SBS and asphalt blend has full recovery properties after 100% elongation, and lends elasticity and flexibility to the sheet. The mat provides good tensile strength, toughness and puncture resistance, and can accommodate stresses created by typical rooftop expansion and contraction forces. The glass scrim offers dimensional stability not afforded by a polyester only reinforced product. The glass scrim-reinforced mat also minimizes end lap creep after installation.

**Use**

DynaLastic 180 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. DynaLastic 180 may be used both as a modified bitumen cap sheet or as a flashing material. DynaLastic 180 may also be installed in JM MBR® Cold Application Adhesive and the laps can be heat welded.



**Advantages**

- The glass scrim-reinforced polyester mat offers dimensional stability, reduced end lap creep, excellent tear strength and puncture 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
- Dimensional stability in both dimensions, not just one.

**Typical Physical Properties\***

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

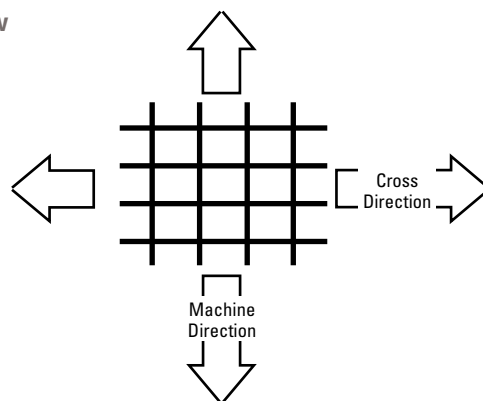
Thickness	150 mil (3.8 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	120 lb force/in. width (21.0 kN/m)
Cross Machine Direction	90 lb force/in. width (15.75 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction	45%
Cross Machine Direction	45%
Tensile-Tear	
Machine Direction	100 lb/in. (17.5 kN/m)
Cross Machine Direction	80 lb/in. (14.0 kN/m)
Low Temperature Flexibility	-22°F (-30°C)
Dimensional Stability	
Machine Direction	0.50% 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.

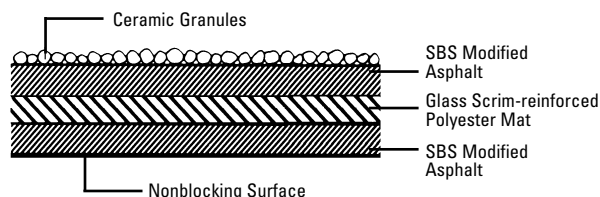
**Sizes**

Roll size	100 ft² (9.29 m²)
Roll weight	100 lb (45.36 kg)
Roll length	32' 10" (10 m)
Roll width	39 3/8" (1 m)

**Top View**



JM's bi-directional scrim gives you the advantages of polyester, while providing tensile strength and dimensional stability in all directions. Other mats reinforce in the machine direction only.



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