

Description

DynaFlex is a premium elastomeric, modified bitumen flashing sheet incorporating a strong, flexible fiber glass/polyester composite mat in a blend of SBS (Styrene-Butadiene-Styrene) rubber and high quality asphalt. This elastomeric, asphaltic blend product has excellent weathering and elongation recovery properties. The elastomeric-based asphalt in the flashing has full recovery properties after 100% elongation and lends elasticity and flexibility to the product. The inorganic fiber glass reinforcement, in conjunction with the polyester, provides stability, toughness and flexibility to DynaFlex and resists moisture absorption. The reinforcement also provides high tensile strength and affords better resistance to the factors which affect flashing performance. The covering layer of ceramic-coated roofing granules provides durability along with superior resistance to damage from weather. White granule products also provide heat reflectance.

Use

DynaFlex is engineered for use as a premium base flashing with SBS modified bitumen and traditional built-up roofing membranes. DynaFlex is protected with factory-applied roofing granules and does not require any additional surfacing.

DynaFlex can be used on all traditional flashing details and membrane terminations. Its flexibility and conformability make it ideal for use on parapet walls, skylights, roof penetrations, drains, vents and roof edges.

DynaFlex should be installed with Type III or IV asphalt, at a temperature of 400°F (204°C) or at the EVT, whichever is higher, and mechanically fastened as prescribed in the installation specifications. DynaFlex may also be installed using JM MBR® Flashing Cement or JM MBR® Utility Cement.



Advantages

- Superior composite reinforcement
- Excellent elongation recovery properties
- Exceptional weatherability
- Conformable to flashing substrates
- Flexible and dimensionally stable

Typical Physical Properties

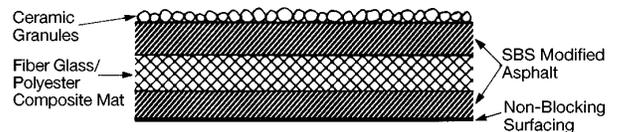
Material meets or exceeds the criteria for ASTM D 6221, Type I.

Thickness	160 mils (4 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	190 lbs. force/in. width (33.3 kN/m)
Cross Machine Direction	150 lbs. force/in. width (26.3 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction	4.0%
Cross Machine Direction	4.0%
Tensile-Tear	
Machine Direction	225 lbs./in. (39.4 kN/m)
Cross Machine Direction	200 lbs./in. (35.0 kN/m)
Low Temperature Flexibility	-10°F (-23°C)
Dimensional Stability	
Machine Direction	0.20% change
Cross Machine Direction	0.20% change

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

Sizes

Roll size	75 sq. ft. (7 m ²)
Roll weight	82 lbs. (37.2 kgs.)
Roll length	25' 0" (7.6 m)
Roll width	36" (0.92 m)



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