

Description

DynaFlex® CR 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. The 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 CR 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 a white, acrylic coating combined with ceramic-coated roofing granules provides durability along with superior resistance to damage from weather and foot traffic, as well as the benefits of a reflective, emissive surface.

Use

DynaFlex CR is engineered for use as a premium base flashing with SBS modified bitumen and traditional built-up roofing membranes.


DynaFlex CR 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 CR 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 CR 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.

 <p>CRRC COOL ROOF RATING COUNCIL MEMBER</p>	Solar Reflectance	Initial 0.76	Weathered 0.61
	Thermal Emittance	0.85	0.92
	Rated Product ID	0662-0007	
	Licensed Manufacturer ID	0662	
	Classification	Production Line	
<small>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building construction may vary.</small>			
<small>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating normal procedures.</small>			

LEED®	Recycled Content: 0%	SRI 92
	Producing Locations: Oklahoma City, OK	

Typical Physical Properties*

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

Thickness	160 mil (4.06 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	190 lb force/in. width (33.3 kN/m)
Cross Machine Direction	150 lb 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 lb/in. (39.4 kN/m)
Cross Machine Direction	200 lb/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

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

Sizes

Roll size	75 ft² (6.97 m²)
Roll weight	89 lb (40.37 kg)
Roll length	25' 0" (7.62 m)
Roll width	.36" (0.92 m)

* Material tested in accordance with ASTM D 5147 Standard Test Method for Sampling and Testing Modified Bituminous Sheet Materials. The physical properties shown represent typical values.

