

Description

TRICOR M FR CR is a fire-retardant, APP modified bitumen cool roof cap sheet. It incorporates the features of a specialized polyester mat and continuous glass fiber composite that is saturated and coated with a blend of APP (Atactic Polypropylene) polymer, high-quality asphalt and fire-retardant additives.

TRICOR M FR CR 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 reinforcement provides superior tensile strength, toughness and puncture resistance, and can accommodate stresses created by typical rooftop expansion and contraction forces.

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. The back of the sheet has a fine mineral surface for cold adhesive application.

Note: This product is packaged with a release film that protects the coating from staining while the product is packaged. The film should be removed and disposed of prior to application.

Use


TRICOR M FR CR is designed for use as a premium, modified bitumen cap sheet. UL® Class A ratings may be obtained in numerous constructions, both new and re-roof at slopes up to 1" per foot (83 mm/m). Because of its excellent weatherability, durability and handling characteristics, TRICOR M FR CR may be used not only as a modified bitumen cap sheet but also as a flashing material. **This product may be installed in JM MBR® Cold Application Adhesive only.**

Advantages

- The top-coated surface of the sheet is highly emissive and solar reflective.
- The fiber glass upper reinforcement provides excellent tensile and tear properties as well as fire resistance and dimensional strength.
- The premium quality APP blend allows for excellent weathering characteristics.
- The product's flexibility provides for ease of handling and quick installation.



Energy and the Environment

 COOL ROOF RATING COUNCIL MEMBER	Solar Reflectance	<u>Initial</u> 0.76	<u>Weathered</u> 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*

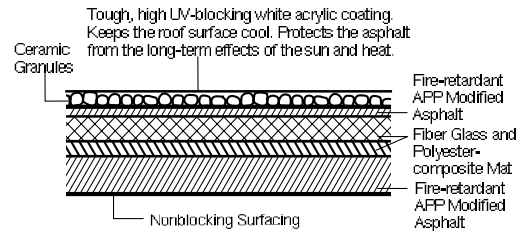
Material meets or exceeds the criteria for ASTM 6223, Type II, Grade G.

Thickness	180 mil (5 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	300 lb force/in. width (52.5 kN/m)
Cross Machine Direction	300 lb force/in. width (52.5 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction	4.7%
Cross Machine Direction	5.3%
Tensile-Tear	
Machine Direction	260 lb/in. (45.5 kN/m)
Cross Machine Direction	260 lb/in. (45.5 kN/m)
Low Temperature Flexibility	12°F (-11°C)
Dimensional Stability	
Machine Direction	0.10% change
Cross Machine Direction	0.10% 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 ft ² (9.29 m ²)
Roll weight	111 lb (50.35 kg)
Roll length	34' 1" (10.39 m)
Roll width	39 ⁵ / ₈ " (1 m)



This is a special order product. Contact your JM sales representative about availability and lead times.

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