

Meets the requirements of ASTM D 6223, Type I, Grade G

Features and Components

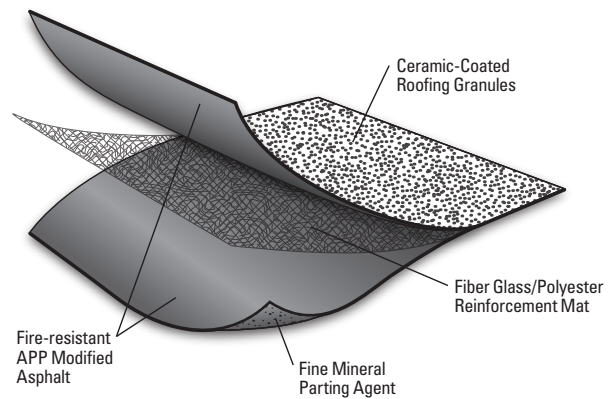
BICOR M FR is used as a premium cap or flashing sheet in APP multi-ply roofing systems.

Ceramic-coated Roofing Granules: Specifically engineered for optimal embedment in the APP-blended sheet. The ceramic coating promotes excellent long-term adhesion. Granules are available in white, black and tan (Black and tan may require extended lead times).

Premium APP (Atactic Polypropylene) Polymer, Asphalt and Fire-Retardant Blend: Provides an extremely durable sheet with excellent weathering characteristics, flexibility and dimensional stability for ease of handling and quick installations.

Fiber Glass/Polyester Reinforcement Mat: Combines the excellent tensile strength, toughness and puncture resistance of a polyester mat with the dimensional stability and lay-flat characteristics of fiber glass.

Surfacing: Fine mineral parting agent on the bottom side. Enables the product to be applied in cold adhesive or heat welding techniques.



Component
M Membrane
Multi-Ply
Type
CS Cap Sheet
FL Flashing



Colors: white, black and tan (Black and tan may require extended lead times).

System Compatibility This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Multi-Ply	BUR		APP		SBS			
	HA	CA	CA	HW	HA	CA	HW	SA
Compatible with the selected Multi-Ply systems above								

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
Do not use in Single Ply systems							

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

Energy and the Environment

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%

Peak Advantage® Guarantee Information

Systems	Guarantee Term
Dependent on system*	Up to 30 years

*Contact JM Technical Services for specific system requirements or guarantee terms.

Codes and Approvals



- UL Class A ratings may be obtained in numerous constructions, both new and re-roof.

Product Application



Refer to JM APP modified bitumen specifications and detail drawings for application and slope information.

Packaging and Dimensions

Roll Width	39 3/8" (1 m)
Roll Length	32' 10" (10.01 m)
Roll Coverage*	95.8 ft ² (8.9 m ²)
Roll Weight	111 lb (50.3 kg)
Rolls per Pallet	20
Pallets per Truck**	21

*Assumes a 4" side lap.

** Assumes a 48' flatbed truck.

Refer to the Safe Use Instructions and product label prior to using this product. The Safe Use Instructions are available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.

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Tested Physical Properties

Physical Properties		ASTM Test Method	Standard for ASTM D 6223, Type II, Grade G	BICOR M FR		
				MD*	XMD**	
Strength	Tear Resistance @ 77°F	D 4073 / 5147	≥ 120 lbf	165 lbf	160 lbf	
	Peak Load at 0°F	D 5147	≥ 150 lbf/in-width	190 lbf/in-width	170 lbf/in-width	
	Peak Load at 77°F	Unconditioned	D 5147	≥ 65 lbf/in-width	131 lbf/in-width	122 lbf/in-width
		90-Day Heat Conditioned	D 5147 / 5869	≥ 65 lbf/in-width	165 lbf/in-width	145 lbf/in-width
Longevity	Low Temp. Flexibility @ 180° on 1" Mandrel (Pass-Fail)	Unconditioned	D 5147	Pass @ 32° F "none of the specimens show cracking"	Pass	
		90-Day Heat Conditioned	D 5147 / 5869		Pass	
	Low Temperature Unrolling (Pass-Fail) Unroll in 4-6s; Visual Inspection in "unrolled" position	D 5636	Pass @ 41° F "none of the specimens show cracking"	Pass		
	Compound Stability - 2 hr 15 min @ 230° F (Pass-Fail)	D 5147	Pass "no failures showing signs of flowing, dripping, or drop formation"	Pass		
	Granule Loss	D 4977/5147	2 g (0.07 oz)	0.7 g (0.02 oz)		
	Thickness	D 5147	≥ 160 mils	180 mils		
	Bottom Coating Thickness	D 5147	≥ 40 mils	72 mils		
	Water Absorption - water by distillation	D 5147 / 95	≤ 3.2%	0.6%		
	Moisture Content - water by distillation	D 5147 / 95	≤ 1%	0.2%		
	Ultimate Elongation at 77°F	D 6222				
	Elongation at Peak Load @ 0° F	D 5147	≥ 3%	5%	5%	
	Elongation at Peak Load @ 77° F	Unconditioned	D 5147	≥ 3%	4%	4%
		90-Day Heat Conditioned	D 5147 / 5869	≥ 3%	5%	5%
Installation	Dimensional Stability - 24 hr @ 176° F	D 5147 / 1204	≤ 1%	0.2%	0.2%	
	Net Mass per Unit Area	D 146	≥ 90 lb/100 ft ²	99 lb/100 ft ²		

*MD = Machine Direction

**XMD = Cross-Machine Direction

Note: All data represents tested values.