

# BITUTAK<sup>®</sup> MB<sup>®</sup> BY SOPREMA<sup>®</sup>

## Mineral

PD10001-REV. 21154

### PRODUCT DESCRIPTION

BITUTAK<sup>®</sup> MB Mineral is a 4.1 mm (161 mils) APP (Atactic Polypropylene) modified bitumen roofing membrane for approved multi-ply membrane and flashing assemblies. BITUTAK's exclusive APP polymer and asphalt formulation yield excellent weathering characteristics and long-term durability. Reinforced with a heat-resistant, non-woven polyester mat provides added strength and puncture resistance to the membrane. BITUTAK<sup>®</sup> MB Mineral is available in standard black or white mineral surface. For your next roofing project, discover how BITUTAK<sup>®</sup> delivers exceptional waterproofing performance at a fantastic value.



### PHYSICAL PROPERTIES

PROPERTY / UNIT	MD	XMD	ASTM TEST METHOD
Peak Load @ 0°F (-18°C); lbf/in (kN/m)	145 (25.4)	105 (18.4)	D5147
Elongation at Peak Load @ 0°F (-18°C); %	30	25	D5147
Peak Load @ 73.4°F (23°C); lbf/in (kN/m)	110 (19.3)	75 (13.1)	D5147
Elongation at Peak Load @ 73.4°F (23°C); %	45	45	D5147
Tear Strength @ 73.4°F (23°C); lbf (N)	150 (667)	115 (512)	D5147
Dimensional Stability; %	< 0.5	< 0.5	D5147
Low Temperature Flexibility; °F (°C)	3 (-16)	3 (-16)	D5147
Compound Stability; °F (°C)	> 275 (135)	> 275 (135)	D5147
Granule Embedment; g	< 2.0		D5147

All values shown are nominal and subject to normal manufacturing tolerances.

### PRODUCT INFORMATION

ASTM STANDARD	LENGTH (ft)	WIDTH (in)	THICKNESS (mils)	WEIGHT (lb)	COVERAGE (sq ft)
D6222 Type 1, Grade G	32.8 (10.0 m)	39.4 (1.0 m)	161 (4.1 mm)	103 (46.7 kg)	97.9 (9.1 sq m)

### INSTALLATION

<b>Surface Preparation</b>	The substrate should be clean, stable, dry, free of any loose materials, grease, and other contaminants, which may compromise the product's performance.
<b>Minimum Installation Temperature</b>	40°F (4°C)
<b>Installation</b>	Install with traditional torch roofing techniques ensuring proper heating of the roofing material as not to expose the reinforcement. Apply consecutive rolls providing a minimum 6-inch end lap and 3-inch side lap. A ¼ inch bleed-out should be visible at all seams.
<b>Recommendations/Restrictions</b>	When heat welding on combustible substrates (wood, plywood, and OSB), a protective coverboard must be installed before application. Keep any combustible material away from an open flame.

### FIRE SAFETY GUIDELINES

Torch application of BITUTAK<sup>®</sup> MB Mineral may threaten fire if strict application standards and procedures are not followed. All operators of torch equipment should be thoroughly trained. In addition, a fire watch should be maintained on the project for no less than 60 minutes following the last heat-welded work of the day. An ABC-approved fire extinguisher should be on the site for each torch in operation.

### PACKAGING & STORAGE

Each pallet contains 20 rolls. Rolls should be stored on end, on raised platforms, and protected from the weather.



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