BITUTAK® MB BY SOPREMA®

PD10455-REV. 027721

PRODUCT DESCRIPTION

BITUTAK® MB is a 3.8 mm (150 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® MB is backed with a plastic burn-off film for ease of heat welding installation. For your next roofing project, discover how BITUTAK® 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

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 S	32.8 (10.0 m)	39.4 (1.0 m)	150 (3.8 mm)	89 (40.4 kg)	97.9 (9.1 sq m)

INSTALLATION

Surface Preparation	The substrate should be clean, stable, dry, free of any loose materials, grease, and other contaminants, which may compromise the product's performance.
Minimum Installation Temperature	40°F (4°C)
Installation	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.
Recommendations/ Restrictions	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® MB 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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