

Description

Dibiten SAS Cap is a self-adhering elastomeric, modified bitumen sheet incorporating the features of a tough, 170 g/m² non-woven polyester mat that is saturated and coated with a blend of SBS (Styrene-Butadiene-Styrene) rubber and high quality asphalt. The elastomeric asphalt blend has full recovery properties after 100% elongation and lends elasticity and flexibility to the sheet. The polyester mat provides good tensile strength, toughness, puncture resistance and can accommodate stresses created by typical rooftop expansion and contraction forces. The covering layer of ceramic-coated roofing granules provides durability along with superior resistance to damage from weather and foot traffic. The modified asphalt is self-adhering and has an easy-to-peel, removable release plastic film on the bottom of the sheet and selvage.

Dibiten SAS Cap is available with slate granules which provide superior adhesion, a wide range of colors, and a lighter roll for easier handling.

Use

Dibiten SAS Cap is a quality self-adhering modified bitumen sheet designed for use in multiple ply roofing systems. It is ideal for low slope applications (inclines up to 1/2" per foot [41.6 mm/m]). Because of its superior weatherability, durability and handling characteristics, Dibiten SAS Cap may be used both for a finished cap sheet and as a flashing material.

Note: When self-adhering over granulated surfaces (i.e. at end laps), MBR® Cold Application Adhesive, MBR® Flashing Cement, MBR® Bonding Adhesive or MBR® Utility Cement must be used. Also note that this product should only be applied in dry weather and when temperatures are 45°F (7°C) and rising.

Advantages

- The polyester mat provides excellent puncture and tear resistance.
- The elongation and recovery properties of the SBS blend allow the product to easily accommodate the expansion and contraction strains experienced on all roofs.
- The product's self-adhering features allow for installation without the need of hot asphalt or heat welding.



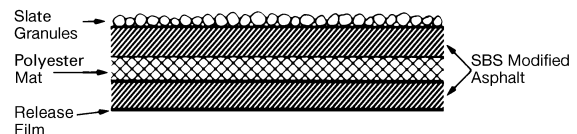
Typical Physical Properties*

Thickness	0.150 inches (3.8 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	100 lbs. force/in. width (17.5 kN/m)
Cross Machine Direction ..	80 lbs. force/in. width (14.0 kN/m)
Elongation @ 0°F (-18°C)	
Machine Direction	35%
Cross Machine Direction	35%
Tensile-Tear	
Machine Direction	100 lbs./in. (17.5 kN/m)
Cross Machine Direction	80 lbs./in. (14.0 kN/m)
Low Temperature Flexibility.....	
-10°F (-23°C)	
Dimensional Stability	
Machine Direction	0.70% change
Cross Machine Direction.....	0.60% change

* Material tested in accordance with ASTM D 5147 Standard Test Method for Sampling and Testing Modified Bituminous Sheet Materials.

Sizes

Roll size	1 square (9.29 m ²)
Roll weight	100 lbs. (45.4 kgs.)
Roll length	32' 10" (10 m)
Roll width.....	39 1/2" (1 m)



Dibiten Recommended Substrates

- OSB/plywood products
- Metal surfaces
- Unsanded asphalt
- Foil-faced polyiso
- Primed concrete