

Description

Dibiten Slate FR is a fire-retardant APP modified bitumen membrane that incorporates a tough 180 g/m², non-woven polyester mat, selected APP (Atactic Polypropylene) polymers, high quality asphalt and fire retardant additives. Dibiten Slate FR is surfaced with imported slate which provides UV resistance to the finished product, as well as a pleasing aesthetic component. One edge of Dibiten Slate FR has a 3 3/4" (95 mm) selvage edge to ensure a good sheet to sheet lap.

Use

Dibiten Slate FR is designed for use as a high quality cap or surfacing sheet in heat-welded APP modified bitumen systems. The fire-retardant formulation allows the use of this product in numerous Underwriters Laboratories Class A, B and C constructions. Contact your local Dibiten representative for specific approvals.

Advantages

- Fire-retardant formulation
- APP blend provides excellent weathering characteristics
- Polyester mat provides excellent puncture resistance

Sizes

Roll size	Approximately 1.0 square
Roll weight.....	98 lb. (44.5 kg)
Roll length	32' 10" (10.0 m)
Roll width	39 3/8" (1.0 m)

Application of Dibiten APP Modified Bitumen Products may require the use of an open flame propane torch. Improper use of these materials and application equipment can result in severe burns, and/or other physical injury, as well as damage to property. In order to prevent these situations, the mechanic must install the materials using the techniques recommended by Dibiten and those found in "A Guide to Safety: Torch-On Modified Bitumens" available from the Asphalt Roofing Manufacturers Association. These techniques have been endorsed by the National Roofing Contractors Association and the United Union of Roofers, Waterproofers and Allied Workers.

The Roofing contractor must ensure that all mechanics or applicators involved with the application of heat welded modified bitumens are properly trained not only in application and equipment handling, but safety measures. The contractor should verify that all roofing applicators involved with open flame application maintain and carry a valid Certified Roofing Torch Applicator ("CERTA") card as evidence of proper training. Further, the general contractor, jobsite superintendents



Physical Properties

Material meets or exceeds the criteria for ASTM D 6164, Type 1, Grade G.

Thickness.....	0.180 inches (4.5 mm)
Tensile Strength @ 0°F (-18°C)	
Machine Direction	155 lbf/in. (27.1 kN/m width)
Cross Machine Direction	106 lbf/in. (18.6 kN/m width)
Elongation @ 0°F (-18°C)	
Machine Direction	38%
Cross Machine Direction	42%
Tensile-Tear	
Machine Direction	161 lbf/in. (28.2 kN/m width)
Cross-Machine Direction	141 lbf/in. (24.7 kN/m width)
Low Temperature Flexibility.....	12°F (-11°C)
Dimensional Stability	
Machine Direction	0.9% change
Cross Machine Direction	0.6% change

and the building owner or its representative must also be knowledgeable and/or advised of the proper and necessary safety precautions applicable to heat welded roofing products.

All mechanics or applicators must carry, review, understand and adhere to the safety information and guidelines contained in "Torch Applied/Do's and Don'ts" as published and supplied by the Asphalt Roofing Manufacturers Association ("ARMA") which may be supplemented or amended, as well as the ARMA/NRCA "Guide to Torch Safety on Modified Bitumen" video tape. These are available from ARMA at: ARMA, 4041 Powder Mill Road, Ste. 404, Calverton, Maryland 20705-3016 (Ph. 301-348-2002). Do not begin application procedure until you read and fully understand these safety procedures and installation practices.

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