

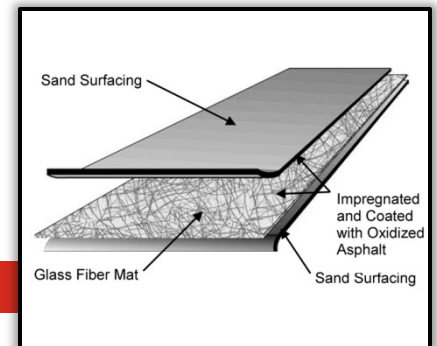
TECHNICAL INFORMATION SHEET

MB Base

Item Description
MB Base Sheet

Item Number
W70RAC8500

Meets ASTM D 4601, Type II. Tested in Accordance with D 146.



Product Information

Description:

Firestone MB Base Sheet is high-performance roofing base sheet, which is asphalt impregnated and coated and has a glass fiber mat reinforcement. It has been designed to provide superior durability and ease of installation in asphalt roofing systems.

By using only pure roofing grade asphalt, with little or no fillers, Firestone MB Base Sheet offers better flexibility and workability than typical heavily filled base sheets. Firestone MB Base Sheet may be used as a base ply in SBS, APP Modified Bitumen and Built-Up Roofing Systems.

Product Packaging

Property	Value
Roll Width:	39.45" (1.00 m)
Roll Length:	98.7' (30.1 m)
Net Coverage:	300 ft ² (27.5 m ²)*
Roll Weight:	75 lb (34.0 kg)
Pallet Size:	51" x 39" (1.1 m x 1.0 m)
Rolls per Pallet:	25
Weight per Pallet:	1,935 lb (878.5 kg)
Pallets Per Truckload:	20

Method of Application:

1. MB Base Sheet shall be installed with Firestone fasteners and insulation plates, conventional hot asphalt, or Firestone MB Cold Adhesive.
2. When installed with cold adhesive, this membrane **must** be applied using Firestone MB Cold Adhesive (or other approved Firestone Cold Adhesive). Use of non-Firestone adhesives will void all warranties and may cause damage to the membrane.

Storage:

- All material should be stored out of the weather in a clean, dry area in its original unopened packaging at a minimum of 40 °F (4 °C) and a maximum of 140 °F (60 °C) so that it will be a minimum of 40 °F (4 °C) at the time of application.
- **Stack Firestone MB Base rolls squarely in original unopened packaging no more than two (2) pallets high.**
- If material must be stored temporarily on the roof before application, it must be elevated from the roof surface on a pallet, stored on end, and covered from the weather with a light colored opaque tarp in a neat, safe manner not to exceed the allowable live load of the storage area.

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Precautions:

1. Refer to Material Safety Data Sheets for B.U.R. Ply Sheets.
2. Take care when transporting and handling Firestone MB Base rolls to avoid punctures and other types of physical damage.
3. Isolate waste products, petroleum products, grease, oil (mineral and vegetable) and animal fats from all Firestone roofing membranes.

Performance Advantages:

- The glass fiber mat provides high tensile strength and excellent dimensional stability.
- Meets the criteria for an Underwriters Laboratories (UL) G-2 base sheet.
- Approved for use in Factory Mutual tested roofing assemblies.
- Designed for use in all climatic zones.

LEED® Information:

Post Consumer Recycled Content: 0%
 Post Industrial Recycled Content: 0%
 Manufacturing Location: Tuscaloosa, AL



Physical Properties (Meets ASTM D 4601, Type II. Tested in Accordance with D 146.)

Property	ASTM Standard Required Value	Firestone Value
Width of Roll:	39.4" (1.0 m)	39.4" (1.0 m)
Product Thickness:	N/A	45.0 mil (1.1 mm)
Net Dry Mass – Coated Sheet, min.:	14.5 lb/100 ft ² (708.0 g/m ²)	23.3 lb/100 ft ² (1,122.9 g/m ²)
Moisture at Time of Manufacture, max.:	1.0%	0.7%
Mass of Desaturated Glass Mat, min.:	1.7 lb/100 ft ² (83.0 g/m ²)	1.9 lb/100 ft ² (93.0 g/m ²)
Ash, (Glass Mat Only):	70 to 88%	75.0%
Surfacing and Stabilizer, max.:	65.0%	42.0%
Asphalt, min.:	7.0 lb/100 ft ² (342.0 g/m ²)	11.6 lb/100 ft ² (566.4 g/m ²)
Breaking Strength, min.:	44.0 lbf/in, MD (7.7 kN/m), MD	65.2 lbf/in, MD (11.4 kN/m), MD
	44.0 lbf/in, XMD (7.7 kN/m), XMD	55.1 lbf/in, XMD (9.6 kN/m), XMD
Pliability, 1/2" (13 mm) Radius Maximum Failures, 10 Specimens:	N/A	0

Please contact your Firestone Roof Systems Advisor at 1-800-428-4511 for further information.

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