

# TECHNICAL INFORMATION SHEET

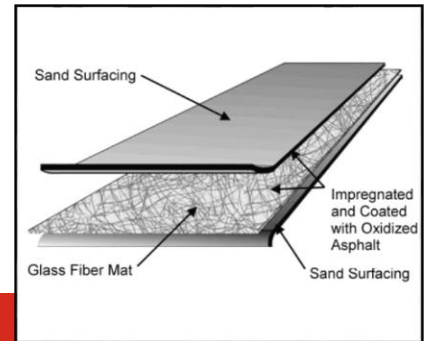
## MB Base

**Item Description**

1 Roll (3 Squares)

**Item Number**

W70RAC8500



Meets or exceeds performance requirements of ASTM D 4601, Type II

### 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

Roll Width:	3' 3" (1 m)	Pallet Size:	48" x 48" (1.2 m x 1.2 m)
Roll Length:	98' 8" (30.1 m)	Rolls Per Pallet:	25
Net Coverage:	300 ft <sup>2</sup> (27.5 m <sup>2</sup> )	Weight per Pallet:	1,925 lb (873 kg)
Roll Weight:	71 lb (32 kg)		

#### 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.
3. Please see the BUR Design and Application Guide at [www.firestonebpc.com](http://www.firestonebpc.com) for detailed application information.

#### Storage:

- All material should be stored out of the weather in a clean, dry area in its original unopened packaging at a minimum of 50 °F (10 °C) and a maximum of 100 °F (38 °C) so that it will be 50 °F (10 °C) or above at the time of application.
- Do not stack Firestone MB Base membrane more than two (2) pallets high.
- If the 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 that does not exceed the allowable load limit of the storage area.

#### Precautions:

- For safety information, refer to the Safety Data Sheet (SDS) for BUR Membranes and Flashing.
- Take care when transporting and handling Firestone BUR rolls to avoid punctures and other types of physical damage.
- Isolate waste products, petroleum products, grease, oil (mineral and vegetable) and animal fats from all Firestone BUR membranes.

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### 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

\*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.



### Typical Properties (Meets ASTM D 4601, Type II)

Property	ASTM Standard	ASTM Standard Required Value	Typical Performance
Product Thickness:	D 5147	N/A	55.0 mil (1.4 mm)
Net Dry Mass – Coated Sheet, min.:	D 228	14.5 lb/100 ft <sup>2</sup> (708 g/m <sup>2</sup> )	23.3 lb/100 ft <sup>2</sup> (1,122.9 g/m <sup>2</sup> )
Moisture at Time of Manufacture, max.:	D 146	1%	0.7%
Mass of Desaturated Glass Mat, min.:	D 228	1.7 lb/100 ft <sup>2</sup> (83 g/m <sup>2</sup> )	1.9 lb/100 ft <sup>2</sup> (93 g/m <sup>2</sup> )
Surfacing and Stabilizer, max.:	N/A	65%	42%
Asphalt, min.:	D 228	7 lb/100 ft <sup>2</sup> (342 g/m <sup>2</sup> )	11.6 lb/100 ft <sup>2</sup> (566.4 g/m <sup>2</sup> )
Ash, (Glass Mat Only):	D 228	70 to 88%	75.0%
Breaking Strength, min.:	D 146	44 lbf/in MD (7.7 kN/m)	55.1 lbf/in (9.6 kN/m)
Pliability, ½" (13 mm) Radius Maximum Failures, 10 Specimens	D 146	0	0

Please contact a Building Systems Advisor at 1-800-428-4511 for further information.

*This sheet is meant to highlight Firestone products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications or other technical documents, subject to normal roof manufacturing tolerances. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.*