



## MB Base M

**Meets ASTM D 4601-98, Type II  
Tested in Accordance with D 146-97**

**Firestone Item Number: W73FSS000M**

### DESCRIPTION:

Firestone MB Base M is a high-performance asphalt impregnated and coated glass fiber mat reinforced roofing base sheet. It has been designed to provide superior durability and ease of installation in asphalt roofing systems. By using only pure roofing grade asphalt, without fillers, Firestone MB Base M Sheet offers better flexibility and workability than typical heavily filled base sheets. Firestone MB Base M may be used as a base ply in SBS, APP Modified Bitumen and Built-Up Roofing Systems.

**Roll Width:** 39.4 in (1.0 m)  
**Roll Length:** 98.7 ft (30.1 m)  
**Net Coverage:** 300 sq. ft (27.5 sq. m)  
**Roll Weight:** 75 lb (34.0 kg)

### APPLICATION METHOD:

MB Base M shall be installed with Firestone Fasteners and Insulation Plates, conventional hot asphalt, or Firestone MB Cold Adhesive.

### Application with Firestone MB Cold Adhesive:

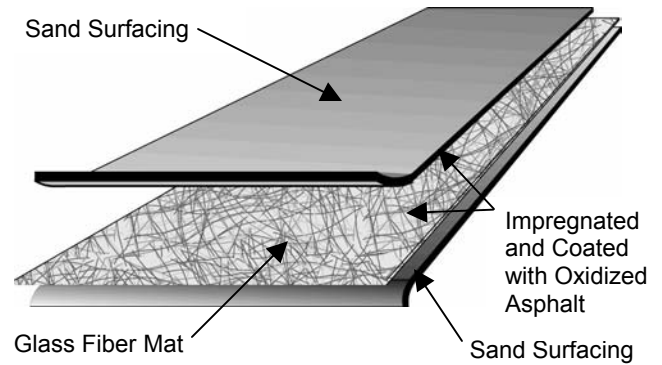
When installed with cold adhesive, this membrane MUST be applied in Firestone MB Cold Adhesive (or other approved Firestone Cold Adhesive). Use of non-Firestone adhesives will void all warranties, and may cause damage to the membrane.

### 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. 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.

This sheet is meant only to highlight Firestone's products and specifications. Information is subject to change without notice. Firestone takes responsibility for furnishing quality materials, which meet Firestone's published product specification. As neither Firestone itself nor its representatives practice architecture, Firestone offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure, or its ability to support a planned installation properly, the Owner should obtain opinions of competent structural engineers before proceeding. Firestone accepts no liability for any structural failure or for resultant damages, and no Firestone Representative is authorized to vary this disclaimer.

ISO 9000 ID No.: S723-PRD-050



**Manufactured in an ISO 9002 Registered Facility**

**Pallet Size:** 51" x 39" (1.1 m x 1 m)  
**Rolls Per Pallet:** 25  
**Weight Per Pallet:** 1,935 lb (878.5 kg)  
**Pallets Per Truckload:** 20

**Stack Firestone MB Base M Squarely in Original Unopened Packaging No More Than Two (2) Pallets High**

### PRECAUTIONS:

Take care when transporting and handling Firestone Modified Bitumen 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 Modified Bitumen membranes. Contact Firestone Technical Services Department for specific recommendations.

### LEED INFORMATION:

**Post Consumer Recycled Content:** 0%  
**Post Industrial Recycled Content:** 0%  
**Manufacturing Location:** Beech Grove, IN



Subject to the conditions of Approval when installed as described in the current edition of the FM Approval Guide



Type G-2 Coated Base/Ply for Roofing Systems As to an External Fire Exposure Only 61P2

See UL Directory of Products Certified for Canada And UL Roofing Materials And Systems Directory R9516



Certificate Number FM 38812



**Firestone Building Products Company**  
A Division of BFS Diversified Products, LLC  
310 E. 96<sup>th</sup> Street, Indianapolis, IN 46240  
Sales: (800) 428-4442 • Technical (800) 428-4511  
[www.firestonebppo.com](http://www.firestonebppo.com)



## MB Base M

Values shown are an average of actual Quality Assurance values.

**Meets ASTM D 4601-98, Type II  
Tested in Accordance with D 146-97**

Dimensions and Mass	English			Metric		
	Property	Unit	ASTM Requirement	Firestone Nominal	Unit	ASTM Requirement
Width of roll	in	39.4	39.4	m	1.0	1.0
Net Dry Mass-coated sheet, min.	lb/100 ft <sup>2</sup>	14.5	23.3	g/m <sup>2</sup>	708.0	1,122.9
Moisture, max. at time of manufacture	%	1.0	0.7	%	1.0	0.7
Mass of desaturated glass mat, min.	lb/100 ft <sup>2</sup>	1.7	1.9	g/m <sup>2</sup>	83.0	93.0
Surfacing and stabilizer, max.	%	65.0	42.0	%	65.0	42.0
Asphalt, min.	lb/100 ft <sup>2</sup>	7.0	11.6	g/m <sup>2</sup>	342.0	566.4
Ash, (glass mat only)	%	70 to 88	75.0	%	70 to 88	75.0
Thickness	mil	None	45.0	mm	None	1.1

### Physical Requirements

Property	Unit	ASTM Requirement	Firestone Nominal		Unit	ASTM Requirement	Firestone Nominal	
			MD	65.2			MD	11.4
Breaking Strength, min.	lbf/in	44.0	XMD	55.1	kN	7.7	XMD	9.6
Pliability, 1/2 in (13 mm) radius Maximum failures, 10 specimens		0	0			0	0	

### 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.