



## Ply VI (6) M

**Meets ASTM D 2178-97a, Type VI  
Tested in Accordance with D 146-97**

**Firestone Item Number: W73ELL0300G**

### DESCRIPTION:

Firestone Ply VI (6) M is an asphalt impregnated, glass fiber mat reinforced roofing ply which has been designed to provide superior durability and ease of application. The Firestone Ply VI (6) M is designed to construct Firestone Asphalt Built-Up Roof Systems and can also be used in conjunction with Firestone Modified Bitumen Base and/or Cap Sheets to build Hybrid Systems.

Firestone Ply VI (6) M may be used as a ply in SBS, APP Modified Bitumen and Built-Up Roofing Systems.

<b>Roll Width:</b>	<b>39.4 in (1.0 m)</b>
<b>Roll Length:</b>	<b>164.5 ft (50.1 m)</b>
<b>Net Coverage:</b>	<b>500 sq. ft (46.5 sq. m)</b>
<b>Thickness:</b>	<b>35 mil (0.9 mm)</b>
<b>Roll Weight:</b>	<b>45 lb (20.4 kg)</b>

### APPLICATION METHOD:

Ply VI (6) M shall be installed with conventional hot asphalt, Firestone SEBS Mopping Asphalt, or Firestone MB Cold Adhesive.

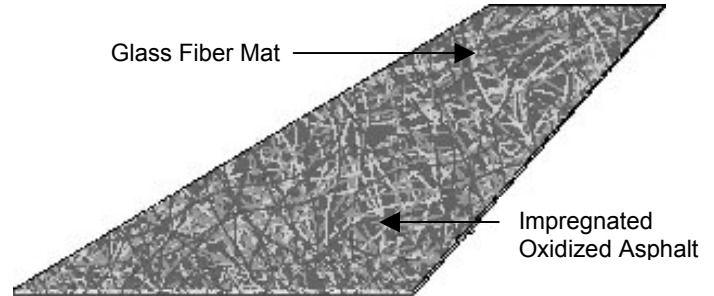
#### Application with Firestone MB Cold Adhesive:

When installed with cold adhesive, this membrane **MUST** be applied in Firestone Multi-Purpose 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.



### Product Data

<b>Pallet Size:</b>	<b>48" x 48" (1.2 m x 1.2 m)</b>
<b>Rolls Per Pallet:</b>	<b>25</b>
<b>Weight Per Pallet:</b>	<b>1,010 lb (458.5 kg)</b>
<b>Pallets Per Truckload:</b>	<b>47</b>

**Stack Firestone Ply VI (6) M Squarely In Original Unopened Packaging No More Than Two (2) Pallets High**

### PRECAUTIONS:

Take care when transporting and handling Firestone B.U.R. 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 membranes. Contact Firestone Technical Services Department for specific recommendations.

### LEED INFORMATION:

Post Consumer Recycled Content:	0%
Post Industrial Recycled Content:	0%
Manufacturing Locations:	Erie, PA Mobile, AL



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



Type G-1 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



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Dimensions and Mass	English			Metric		
	Property	Unit	ASTM Requirement	Firestone Nominal	Unit	ASTM Requirement
Width of roll	in	39.4	39.4	mm	1,000.0	1,000.0
Area of roll, min	ft <sup>2</sup>	540	540	m <sup>2</sup>	50.1	50.1
Net Dry Mass-coated sheet, min.	lb/100 ft <sup>2</sup>	6.2	7.7	g/m <sup>2</sup>	303.0	302.0
Moisture, max. at time of manufacture	%	1.0	0.5	%	1.0	0.5
Mass of desaturated glass mat, min.	lb/100 ft <sup>2</sup>	1.9	2.2	g/m <sup>2</sup>	93.0	107.0
Bituminous saturant (asphalt), min.	lb/100 ft <sup>2</sup>	3.0	4.5	g/m <sup>2</sup>	146.0	220.0
Ash, (glass mat only)	%	70 to 88	72 to 73	%	70 to 88	72 to 73
Surfacing and stabilizer, max.	lb/100 ft <sup>2</sup>	3.0	1.25	g/m <sup>2</sup>	146	61.0
Thickness	mil	None	40.0	mm	None	1.0

## Physical Requirements

Property	Unit	ASTM Requirement	Firestone Nominal		Unit	ASTM Requirement	Firestone Nominal	
			MD	XMD			MD	XMD
Breaking Strength, min.	lbf/in	60.0	MD	76.0	kN/m	10.5	MD	13.3
			XMD	65.0			XMD	11.4
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-1 base sheet.
- Approved for use in Factory Mutual tested roofing assemblies.
- Designed for use in all climatic zones.