



Ply VI (6)

Firestone Item Number: W70RAC8760

**Meets ASTM D 2178, Type IV
Tested in Accordance with D 146**

DESCRIPTION:

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

APPLICATION METHOD:

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

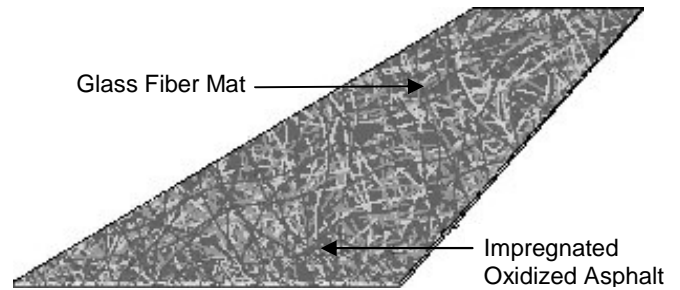
Application with Firestone MB Cold Adhesive:

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 to highlight Firestone's products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials, which meet Firestone's published product specifications. 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.



PACKAGING:

Roll Width:	39.25 in (0.99 m)
Roll Length:	160.5 ft (48.9 m)
Net Coverage:	500 ft ² (46.5 m ²)
Thickness:	30 mil (0.8 mm)
Roll Weight:	50 lb (22.7 kg)
Pallet Size:	46" x 46" (1.2 m x 1.2 m)
Rolls Per Pallet:	25
Weight Per Pallet:	1250 lb (449.4 kg)
Pallets Per Truckload:	36

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

PRECAUTIONS:

1. Take care when transporting and handling Firestone ply rolls to avoid punctures and other types of physical damage.
2. Isolate waste products, petroleum products, grease, oil (mineral and vegetable) and animal fats from all Firestone membranes.
3. Contact Firestone Roof Solutions Department for specific recommendations.
4. Refer to Material Safety Data Sheet for BUR Ply Sheets.

LEED INFORMATION:

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



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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 ²	540.0	540.0	m ²	50.1	50.1
Net Dry Mass-coated sheet, min.	lb/100 ft ²	6.2	8.9	g/m ²	303.0	375.5
Moisture, max. at time of manufacture	%	1.0	1.0	%	1.0	1.0
Mass of desaturated glass mat, min.	lb/100 ft ²	1.7	1.85	g/m ²	83.0	90.3
Bituminous saturant (asphalt), min.	lb/100 ft ²	3.0	7.0	g/m ²	146.0	295.4
Ash, (glass mat only)	%	70 to 88	79.0	%	70 to 88	79.0
Surfacing and stabilizer, max.	lb/100 ft ²	3.2	3.0	g/m ²	156	146.3
Thickness	mil	None	35.0	mm	None	0.9

Physical Requirements

Property	Unit	ASTM Requirement	Firestone Nominal		Unit	ASTM Requirement	Firestone Nominal	
			MD	57			MD	10.0
Breaking Strength, min.	lbf/in	44	XMD	58	kN/m	7.7	XMD	10.2
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.