



## SBS Base

**Meets ASTM D 6163-00, Type I, Grade S  
Tested in Accordance with ASTM D 5147- 02**

**Firestone Item Number: W71FSS0825**

### DESCRIPTION:

Firestone SBS Base consists of a Styrene-Butadiene-Styrene (SBS) rubber modified asphalt reinforced with a strong glass fiber mat and coated with a fine mineral release agent on both surfaces. Firestone SBS Base is designed specifically as a base layer for use with all Firestone SBS Modified Bitumen assemblies.

<b>Roll Width:</b>	<b>3.3 ft (1 m)</b>
<b>Roll Length:</b>	<b>50 ft (15.2 m)</b>
<b>Net Coverage:</b>	<b>150 sq. ft (13.9 sq. m)</b>
<b>Roll Weight:</b>	<b>83 lb (37.6 kg)</b>

### APPLICATION METHOD:

SBS Base shall be installed with conventional hot asphalt, or Firestone MB Cold Adhesive.

### Application with 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.

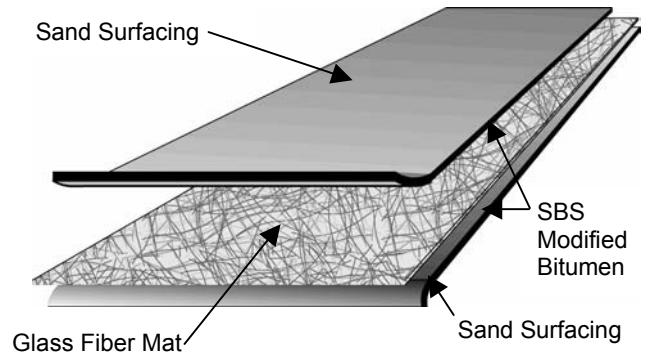
### STORAGE:

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.

<b>Pallet Size:</b>	<b>48" x 39" (1.2 m x 1 m)</b>
<b>Rolls Per Pallet:</b>	<b>25</b>
<b>Weight Per Pallet:</b>	<b>2,135 lb (968.4 kg)</b>
<b>Pallets Per Truckload:</b>	<b>21</b>

**Stack Firestone SBS Base Squarely In Original Unopened Packaging No More Than Two (2) Pallets High**

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.



**Manufactured in an ISO 9002 Registered Facility**

### 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

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Values shown are an average of actual  
Quality Assurance values.

Dimensions and Mass	English			Metric		
	Property	Unit	ASTM Minimum	Firestone Nominal	Unit	ASTM Minimum
Product Thickness	mil	80.0	90.0	mm	2.0	2.2
Net Mass	lb/100 ft <sup>2</sup>	45.0	52.1	g/ sq. m	2,197	2,692
Bottom Coating	mil	N/A	34.7	mm	N/A	0.9

### Physical Properties

Maximum Load, 0° F (-18° C) (Tensile Strength)	lbf/in	70	MD	123.0	kN/m	12.3	MD	21.6
			XMD	100.0			XMD	17.5
Elongation at Maximum Load, 0° F (-18° C)	%	1	MD	4.3	%	1	MD	4.3
			XMD	4.0			XMD	4.0
Maximum Load, 73.4° F (25° C) (Tensile Strength)	lbf/in	30	MD	64.0	kN/m	5.3	MD	11.3
			XMD	53.0			XMD	9.4
Elongation at Maximum Load, 73.4° F (25° C)	%	2	MD	5.2	%	2	MD	5.2
			XMD	4.8			XMD	4.8
Elongation at 5% Maximum Load, 73.4° F (25° C)	%	3	MD	52.0	%	3	MD	52.0
			XMD	51.9			XMD	51.9
Tear Strength, 73.4° F (25° C)	lbf	35	MD	109.0	N	155.8	MD	485.2
			XMD	107.0			XMD	476.3
Strain Energy at Maximum Load, 73.4° F (25° C)	in*lbf/in <sup>2</sup>	Not Stated	MD	6.7	N*m/m <sup>2</sup>	Not Stated	MD	28.9
			XMD	7.1			XMD	30.7
Dimensional Stability	% Change	0.5	MD	-0.1	% Change	0.5	MD	-0.1
			XMD	0.1			XMD	0.1
Low Temperature Flexibility	°F	0	-22		°C	-18	-30	
High Temperature Stability	°F	215	270		°C	102	132	
Granule Loss			Not Applicable		g		Not Applicable	

### Physical Properties After Conditioning

Maximum Load, 0° F (-18° C) (Tensile Strength)	lbf/in	70	MD	125.0	kN/m	12.3	MD	22.0
			XMD	85.0			XMD	15.0
Elongation at Maximum Load, 0° F (-18° C)	%	1	MD	4.4	%	1	MD	4.4
			XMD	3.8			XMD	3.8
Maximum Load, 73.4° F (25° C) (Tensile Strength)	lbf/in	30	MD	83.0	kN/m	5.3	MD	14.6
			XMD	70.0			XMD	12.3
Elongation at Maximum Load, 73.4° F (25° C)	%	2	MD	4.1	%	2	MD	4.1
			XMD	4.0			XMD	4.0
Elongation at 5% Maximum Load, 73.4° F (25° C)	%	3	MD	17.0	%	3	MD	17.0
			XMD	19.0			XMD	19.0
Low Temperature Flexibility	°F	0	-4.0		°C	-18	-20.0	