Firestone
BUILDING PRODUCTS COMPANY

SBS Poly Torch Base

Meets ASTM D 6164-00, Type I, Grade S
Tested in Accordance with ASTM D 5147

Firestone Item Number: W71PSP1625

DESCRIPTION:
Firestone SBS Poly Torch Base is a modified bitumen base sheet consisting of a Styrene-Butadiene-Styrene (SBS) rubber modified asphalt reinforced with a 180 g/sq. m (5.3 oz./sq. yd.) non-woven polyester mat enhanced with continuous glass fiber strands in the machine direction. The glass fiber strand reinforcement contributes to the following:

- Increased machine direction dimensional stability
- Excellent tensile strength and puncture resistance
- High flexibility for ease of installation

Roll Width:	**3.3 ft (1 m)**
Roll Length:	**33.5 ft (10.2 m)**
Net Coverage:	**100 sq. ft (9.3 sq. m)**
Roll Weight:	**85 lb (38.6 kg)**

APPLICATION METHOD:
SBS Poly Torch Base shall be installed using a roofing torch.

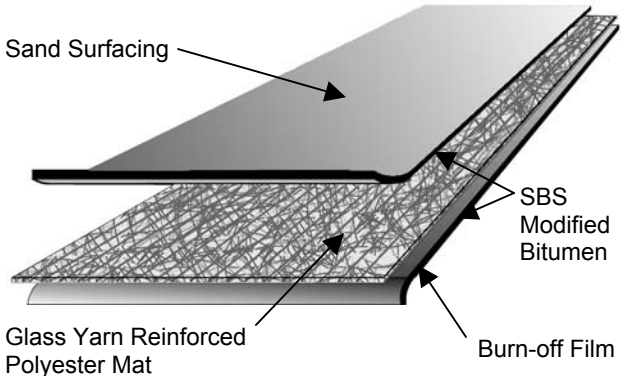
STORAGE:
All material should be stored out of the weather in a clean, dry area in its original unopened packaging at a minimum of 40° F (4° C) and a maximum of 140° F (60° C) so that it will be a minimum of 40° F (4° C) at the time of application. If material must be stored temporarily on the roof before 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.

Pallet Size:	**45" x 39" (1.1 m x 1 m)**
Rolls Per Pallet:	**25**
Weight Per Pallet:	**2,125 lb (964.6 kg)**
Pallets Per Truckload:	**21**

Stack Firestone SBS Poly Torch 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

ISO 9000 ID No.: S723-PRD-037



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:	4%
Post Industrial Recycled Content:	0%
Manufacturing Location:	Beech Grove, IN

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

Certificate Number FM 38812

CLASSIFIED UL C US
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

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TECHNICAL INFORMATION SHEET

504
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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	Firestone Nominal
Product Thickness	mil	85.0	120.0	mm	2.2	3.0
Net Mass	lb/100 ft^2	54.0	72.7	g/ sq. m	2,636	3,549
Bottom Coating	mil	39.4	54.0	mm	1.0	1.4

Physical Properties

Maximum Load, 0° F (-18° C) (Tensile Strength)	lbf/in	70	MD	130.0	kN/m	12.3	MD	22.7
			XMD	100.0			XMD	17.5
Elongation at Maximum Load, 0° F (-18° C)	%	20	MD	34.0	%	20	MD	34.0
			XMD	40.0			XMD	40.0
Maximum Load, 73.4° F (25° C) (Tensile Strength)	lbf/in	50	MD	75.0	kN/m	8.0	MD	13.1
			XMD	60.0			XMD	10.5
Elongation at Maximum Load, 73.4° F (25° C)	%	35	MD	62.0	%	35	MD	62.0
			XMD	75.0			XMD	75.0
Elongation at 5% Maximum Load, 73.4° F (25° C)	%	38	MD	115.0	%	38	MD	115.0
			XMD	112.0			XMD	112.0
Tear Strength, 73.4° F (25° C)	lbf	55	MD	110.0	N	244.8	MD	490.0
			XMD	80.0			XMD	356.0
Strain Energy at Maximum Load, 73.4° F (25° C)	$in*lbf/in^2$	Not Stated	MD	36.6	$N*m/m^2$	Not Stated	MD	158.6
			XMD	47.0			XMD	203.7
Dimensional Stability	% Change	1	MD	-0.1	% Change	1	MD	-0.1
			XMD	0.1			XMD	0.1
Low Temperature Flexibility	°F	0	-20		°C	-18	-29	
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	131.0	kN/m	12.3	MD	22.9
			XMD	93.0			XMD	16.3
Elongation at Maximum Load, 0° F (-18° C)	%	20	MD	48.0	%	20	MD	48.0
			XMD	40.0			XMD	40.0
Maximum Load, 73.4° F (25° C) (Tensile Strength)	lbf/in	50	MD	90.0	kN/m	8.8	MD	15.7
			XMD	80.0			XMD	14.1
Elongation at Maximum Load, 73.4° F (25° C)	%	35	MD	53.0	%	35	MD	53.0
			XMD	64.0			XMD	64.0
Elongation at 5% Maximum Load, 73.4° F (25° C)	%	38	MD	68.0	%	38	MD	68.0
			XMD	83.0			XMD	83.0
Low Temperature Flexibility	°F	0	-8.0		°C	-18	-22.2	