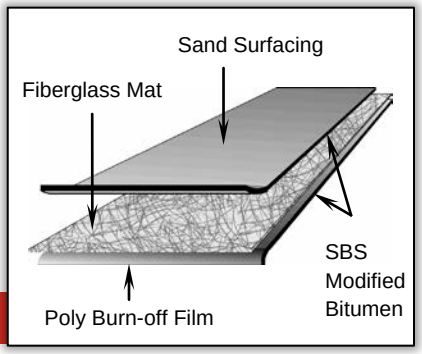
SBS Glass Torch Base

Item Description
1 Roll (1 Square)

Item Number
W71FSP1225



Meets or exceeds performance requirements of ASTM D 6163, Type I, Grade S

Product Information

Description:

Firestone SBS Glass Torch Base is a modified bitumen membrane featuring a blend of SBS (Styrene-Butadiene-Styrene) rubber polymer and high quality asphalt reinforced with a 90 g/m^2 (1.8 lb/100 ft^2) strong non-woven fiber glass mat. The addition of SBS rubber polymer optimizes the asphalt blend to increase its natural waterproofing properties, adding elongation, elasticity and flexibility to the sheet. The fiberglass resists moisture absorption and provides strength and stability to the product, yielding a membrane that resists natural forces and other factors on the rooftop. SBS Glass Torch Base membrane is designed specifically as a base layer for use with Firestone SBS Modified Bitumen Systems. The top surface is covered with a fine particle sand surfacing and the bottom surface is covered with a poly burn-off film to aid in heat welding applications. Firestone SBS systems using SBS Glass Torch Base are ideal for use on both new construction and reroofing projects.

Product Packaging

Roll Width:	3' 3" (1 m)	Pallet Size:	48" x 39" (1.2 m x 1 m)
Roll Length:	33' 6" (10.2 m)	Rolls Per Pallet:	25
Net Coverage:	98 ft^2 (9.1 m^2)	Weight per Pallet:	2,050 lb (932 kg)
Roll Weight:	80 lb (36 kg)		

Method of Application:

1. SBS Glass Torch Base membrane shall be installed by fully heat welding to an appropriate substrate.
2. Please see the SBS Application Guide at www.firestonebpco.com for detailed information regarding the application of SBS Poly Torch Base membrane.

Acceptable Immediate Substrates for Heat-Welded Application:

- Structural Concrete (must be clean, dry, properly cured, and primed with ASTM D-41 primer).
- Existing Smooth Surface BUR or SBS Modified Bitumen (must be clean, smooth and primed with ASTM D-41 primer).
- DensDeck® Prime, SECUROCK® Gypsum Fiber.

NOTE: Please consult the SBS Design Guide and QuickSpecs online at www.firestonebpco.com to review specific information regarding the type of deck and insulation in use.

Storage:

- All material should be stored out of the weather in a clean, dry area in its original unopened packaging at a minimum of 50 °F (10 °C) and a maximum of 100 °F (38 °C) so that it will be 50 °F (10 °C) or above at the time of application.
- Do not stack Firestone SBS Glass Torch Base more than two (2) pallets high.
- If the 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 that does not exceed the allowable load limit of the storage area.

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Precautions:

- For safety information, refer to the Safety Data Sheet (SDS) for SBS Membranes and Flashing.
- 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.

LEED® Information:

Postconsumer Recycled Content: 0%
Preconsumer Recycled Content: 0%
Manufacturing Location: Beech Grove, IN
*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

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CCMC 13263-L

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Typical Properties
(Meets ASTM D 6163, Type I, Grade S)

Property	ASTM Standard	ASTM Standard Required Value	Typical Performance
Product Thickness:	D 5147	80 mil (2.0 mm)	120 mil (3.0 mm)
Net Mass:	D 146	45 lb/100 ft^2 (2,197 g/m^2)	53 lb/100 ft^2 (2,588 g/m^2)
Bottom Side Coating:	D 5147	40 mil (1.0 mm)	47 mil (1.2 mm)
Peak Load at 0 °F (-18 °C):	D 5147	70 lbf/in, MD (12.3 kN/m, MD)	75 lbf/in, MD (13.1 kN/m, MD)
		70 lbf/in, CD (12.3 kN/m, CD)	75 lbf/in, MD (13.1 kN/m, MD)
Elongation at Peak Load at 0 °F (-18 °C):	D 5147	1%, MD	3%, MD
		1%, CD	3%, CD
Peak Load at 73 °F (23 °C):	D 5147	30 lbf/in, MD (5.3 kN/m, MD)	40 lbf/in, MD (7.0 kN/m, MD)
		30 lbf/in, CD (5.3 kN/m, CD)	40 lbf/in, CD (7.0 kN/m, CD)
Elongation at Peak Load at 73 °F (23 °C):	D 5147	2%, MD	3%, MD
		2%, CD	3%, CD
Ultimate Elongation at 5% of Peak Load 73 °F (23 °C):	D 5147	3%, MD	15%, MD
		3%, CD	15%, CD
Tear Strength at 73 °F (23 °C):	D 5147, D 4073	35 lbf, MD (156 N, MD)	40 lbf, MD (178 N, MD)
		35 lbf, CD (156 N, CD)	40 lbf, CD (178 N, CD)
Low Temperature Flexibility:	D 5147	0 °F (-18 °C)	-15 °F (-26 °C)
Dimensional Stability:	D 5147, D 1204	0.5% Change, MD	0.2% Change, MD
		0.5% Change, CD	0.2% Change, CD
Compound Stability:	D 5147	215 °F (102 °C)	250 °F (121 °C)

Please contact Quality Building Services Technical Department at 1-800-428-4511 for further information.

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