SBS Glass Torch Base 1.5

Item Description	Item Number
1 Roll (1.5 square)	W81FSP0925

Product Information

Description

GenFlex SBS Glass Torch Base 1.5 is a modified bitumen membrane featuring a blend of SBS (Styrene-Butadiene-Styrene) rubber polymer and high-quality asphalt reinforced with a 1.8 lb/100 ft² (90 g/m²) strong non-woven fiberglass mat intended to be installed with a roofing torch. 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 inorganic fiber glass reinforcement resists moisture absorption. It also provides strength and stability to the product, yielding a membrane that resists natural forces and other factors on the rooftop. SBS Glass Torch Base 1.5 membrane is designed specifically as a base layer for use with GenFlex SBS Modified Bitumen Systems.

GenFlex SBS systems that use SBS Glass Torch Base 1.5 are ideal for use on both new construction and reroofing projects.

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

Product Packaging

Property	Value	Property	Value
Roll Width	3 ft 3 in (1 m)	Pallet Size	48 x 39 in (1.2 x 1 m)
Roll Length	50 ft (15.24 m)	Rolls per Pallet	25
Net Coverage	150 ft² (13.9 m²)	Weight per Pallet	2,450 lb (1,111.3 kg)
Roll Weight	98 lb (44.45 kg)		

Installation

Refer to current GenFlex Technical Specifications for additional instructions.

1. SBS Glass Torch Base 1.5 must be installed by fully heat welding the membrane to an appropriate substrate.
2. Please see the SBS Application Guide at www.GenFlex.com for detailed information regarding the application for SBS Glass Torch Base 1.5.

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 reference the Asphalt Roofing Systems Guide for Applicators and Designers available on our website for detailed information regarding the type of deck and insulation in use.

Storage

- The 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 GenFlex SBS Glass Torch Base 1.5 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.

Precautions

- Refer to Safety Data Sheets (SDS) for additional safety information.
- Take care when transporting and handling GenFlex 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 GenFlex Modified Bitumen membranes.

*LEED® Information

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

Property	ASTM Standard Required Value	Typical Performance
Product Thickness	80 mil (2 mm)	90 mil (2.3 mm)
Net Mass	45 lb/100 ft² (2,197 g/m²)	57 lb/100 ft² (2,783 g/m²)
Bottom Side Coating	N/A (Not a Torch Product)	31 mil (0.8 mm)
Peak Load at 0 °F (-18 °C)	70 lbf/in, MD (12.3 kN/m) 70 lbf/in, XMD (12.3 kN/m)	75 lbf/in, MD (13.1kN/m, MD) 75 lbf/in, XMD (13.1kN/m, MD)
Elongation at Peak Load at 0 °F (-18 °C)	1%, MD 1%, XMD	3%, MD 3%, XMD
Peak Load at 73 °F (23 °C)	30 lbf/in, MD (5.3 kN/m) 30 lbf/in, XMD (5.3 kN/m)	40 lbf/in, MD (7.0 kN/m) 40 lbf/in, XMD (7.0 kN/m)
Elongation at Peak Load at 73 °F (23 °C)	2%, MD 2%, XMD	3%, MD 3%, XMD
Ultimate Elongation at 5% of Peak Load 73 °F (23 °C)	3%, MD 3%, SMD	15%, MD 15%, XMD
Tear Strength at 73 °F (23 °C)	35 lbf, MD (156 N) 35 lbf, XMD (156 N)	40 lbf, MD (178 N, MD) 40 lbf, XMD (178 N, MD)
Heat Aged Peak Load at 0 °F (-18 °C)	70 lbf/in (12.3 kN/m), MD 70 lbf/in (12.3 kN/m), CD	75 lbf/in (13.1 kN/m), MD 75 lbf/in (13.1 kN/m), CD
Heat Aged Elongation at Peak Load at 0 °F (18 °C)	1%, MD 1%, CD	3%, MD 3%, CD
Heat Aged Peak Load at 73 °F (23 °C)	30 lbf/in (5.3 kN/m), MD 30 lbf/in (5.3 kN/m), CD	40 lbf/in (7 kN/m), MD 40 lbf/in (7 kN/m), CD
Heat Aged Elongation at Peak Load at 73 °F (23 °C)	2%, MD 2%, CD	3%, MD 3%, CD
Heat Aged Ultimate Elongation at 5% of Peak Load 73 °F (23 °C)	3%, MD 3%, CD	15%, MD 15%, CD
Tear Strength at 73 °F (23 °C)	35 lbf (156 N), MD 35 lbf (156 N), CD	40 lbf (178 N), MD 40 lbf (178 N), CD
Low Temperature Flexibility	0 °F (-18 °C)	-15 °F (-26 °C)
Dimensional Stability	0.5% Change, MD 0.5% Change, XMD	0.2% Change, MD 0.2% Change, XMD
Compound Stability @ 215 °F (102 °C)	No Failures	270 °F (132 °C)

Please contact GenFlex Technical Services at 1-800-443-4272 option 1, for further information.