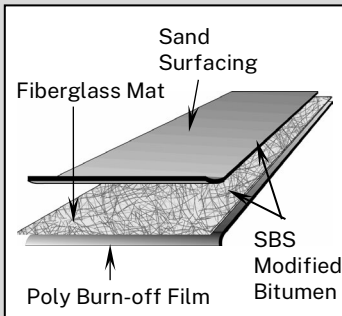


Technical Information Sheet



SBS Glass Torch Base

Item Description	Item Number
1 Roll (1 Square)	W71FSP1225

Description

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/m² (1.8 lb/100 ft²) 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 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.

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	33 ft 6 in (10.2 m)	Rolls Per Pallet	25
Net Coverage	98 ft ² (9.1 m ²)	Weight per Pallet	2,175 lb (986 kg)
Roll Weight	87 lb (39 kg)		

Method of Application

1. SBS Glass Torch Base membrane shall be installed by fully heat welding to an appropriate substrate
2. Please reference the Elevate Asphalt Roofing Systems Guide for Applicators and Designers available on our website for detailed information regarding the application of SBS Glass Torch Base.

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 Elevate 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

- 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 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.

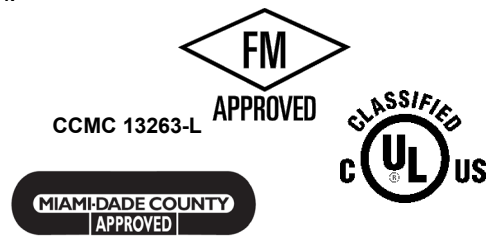
Precautions

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

LEED® Information

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

NOTE: LEED® is a registered trademark of the U.S. Green Building Council



Typical Properties			
Properties	Test Method	Performance Minimum	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) 70 lbf/in, CD (12.3 kN/m, CD)	75 lbf/in, MD (13.1 kN/m, MD) 75 lbf/in, CD (13.1 kN/m, MD)
Elongation at Peak Load at 0 °F (18 °C)	D 5147	1 %, MD 1 %, CD	3 %, MD 3 %, CD
Peak Load at 73 °F (23 °C)	D 5147	30 lbf/in, MD (5.3 kN/m, MD) 30 lbf/in, CD (5.3 kN/m, CD)	40 lbf/in, MD (7.0 kN/m, MD) 40 lbf/in, CD (7.0 kN/m, CD)
Elongation at Peak Load at 73 °F (23 °C)	D 5147	2 %, MD 2 %, CD	3 %, MD 3 %, CD
Ultimate Elongation at 5 % of Peak Load 73 °F (23 °C)	D 5147	3 %, MD 3 %, CD	15 %, MD 15 %, CD
Tear Strength at 73 °F (23 °C)	D 5147, D 4073	35 lbf, MD (156 N, MD) 35 lbf, CD (156 N, CD)	40 lbf, MD (178 N, MD) 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 0.5 % Change, CD	0.2 % Change, MD 0.2 % Change, CD
Compound Stability	D 5147	215 °F (102 °C)	250 °F (121 °C)

Please contact Holcim Technical Services at 800-428-4511 for further information.

This sheet is meant to highlight Elevate products and specifications and is subject to change without notice. Holcim takes responsibility for furnishing quality materials that meet published Elevate product specifications or other technical documents, subject to normal manufacturing tolerances. Neither Holcim nor its representatives practice architecture. Holcim offers no opinion on and expressly refuses any responsibility for the soundness of any structure. Holcim 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 Holcim representative is authorized to vary this disclaimer.