



Tradesman

TRADESMAN[®] SBS GLASS SA BASE

Product Description

Tradesman SBS Glass SA Base is a modified bitumen base ply designed for use in modified bitumen roof membrane systems. Tradesman SBS Glass SA Base consists of a lightweight random fibrous glass mat impregnated and coated with styrene-butadiene-styrene (SBS) modified bitumen. The bottom surface is coated with a self-adhesive bitumen blend protected with a release film. The top surface is covered with a mineral parting agent.

Product Uses

SBS Glass SA Base is intended for use with Tradesman SBS cap sheets and is lapped 3 inches (76 mm) side and end. Alternatively, SBS Glass SA Base may be used as a temporary roof membrane or as a vapor retarder component (specifier should determine appropriateness based on physical and mechanical properties). SBS Glass SA Base sheets are applied to substrates appropriate for self-adhesive membranes. After applying to the substrate, the membrane should be rolled with a weighted roller to enhance adhesion. Ambient and substrate temperatures below 50°F may require the use of a high tack primer and/or supplemental heat applied to the product to ensure adhesion to the substrate. Side and end laps should be rolled with adequate pressure to achieve complete contact and heat sealed.

Product Classifications

Tradesman SBS Glass Base SA is approved by FM Approvals (FM Standard 4470) for use in Class 1 insulated and non-insulated roof deck constructions, subject to FM conditions and limitations.

Commercial Product Information

Unit:	Roll
Coverage:	2 Squares
Coverage Weight Per Square:	Avg: 43 lb (19.5 kg)
Roll Length:	Min: 66 ft (20.2 m)
Roll Width:	Avg: 3.28 ft (1.0 m)
Thickness:	60 mils ± 7% (1.5 mm ± 7%)
Selvage Width:	Avg: 3.0 in (76 mm)
Selvage Surfacing:	Release Tape
Top Surfacing:	Mineral parting agent
Back Surfacing:	Release Film

Packaging: Rolls are placed upright on ends on pallets. The palletted material is shrink-wrapped.

Pallet: 48 in x 42 in (1.21 m x 1.06 m)

Number of Rolls Per Pallet: 20

Number of Pallets Per Truckload: 21

Average Roll Weight: 85 lb (38.6 kg)

Storage and Handling: Tradesman roll roofing products should be stored on end on a clean flat surface. Rolls should not be dropped on ends or edges and should not be stored in a leaning position. Deformation resulting from improper storage and handling will make proper installation difficult. All roofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Ensure that material remains dry prior to and during installation.

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Tradesman SBS Glass SA Base Physical and Mechanical Properties

<u>Property (as manufactured)</u>	<u>Values/Units</u>	<u>Test Method</u>
Thickness (average)	60 mils \pm 7% (1.5 mm \pm 7%)	ASTM D 5147 Section 5
Peak Load @ 73°F (average)	30 lbf/in (5.3 kN/m)	ASTM D 5147 section 6
Elongation @ Peak Load, 73°F (average)	3%	ASTM D 5147 section 6
Tear Strength (average)	40 lbf (0.18 kN)	ASTM D 5147 section 7
Water Absorption (maximum)	1%	ASTM D 5147 section 9
Dimensional Stability (maximum)	0.1%	ASTM D 5147 section 10
Low Temperature Flexibility (maximum)	-0.4°F (-18°C)	ASTM D 5147 section 11
Compound Stability (minimum)	215°F (102°C)	ASTM D 5147 section 15
Water Vapor Transmission	< 0.12 perms	ASTM E96, B

Tradesman reserves the right to alter the composition of its materials without prior notice.