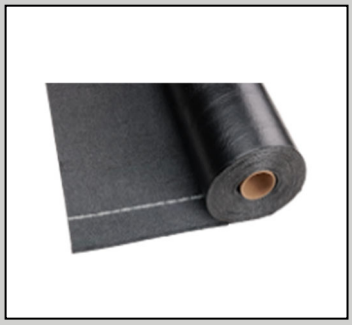
Product Data Sheet



SBS FS BASE

Item Description	Item Number
1 Roll – (2 Square) SBS FS Base (Film/Sand)	W81FPS080V

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

Description

SBS FS Base (FS Film/Sand) is a high-quality Styrene-Butadiene-Styrene (SBS) modified bitumen roofing membrane engineered with a durable fiberglass mat reinforcement for superior strength and dimensional stability. Its proprietary SBS compound provides exceptional waterproofing performance and resistance to weathering.

Designed for use as a base ply in multi-layer, low-slope roofing assemblies, SBS FS Base is available with a factory-applied burn-off film on the top and sand bottom surfaces. The membrane may be installed as a base ply or interply using mechanical attachment, hot asphalt or cold adhesive. When the top surface is film-faced, SBS FS Base can also serve as a base sheet within self-adhered roofing systems.

Surface Preparation

1. SBS FS Base may be applied directly to approved substrates such as: approved cover boards, insulation, GenFlex film-surfaced base sheets and certain roof deck types. Do not apply directly to shingles, shakes, steep-sloped residential roof coverings or existing mineral surfaced roof membrane systems.
2. Apply SBS FS Base membrane only in dry weather and when air and surface temperatures are 40°F (5°C) and rising. Roofing installation shall not be conducted when any form of water, such as rain, dew, ice, frost, snow, are present.
3. All roof deck or substrate areas shall have positive drainage, be properly supported, structurally sound to support the live and dead load requirements of the roofing system, and sufficiently rigid to support construction traffic. A minimum slope requirement of 1⁄4" per foot of rise is recommended.
4. Apply over clean, dry, dust and debris-free substrates. When fully bonding, prime concrete decks and required substrates, prior to application with ASTM D-41 asphalt primer. Any primed substrate should be fully dry prior to installation. Refer to primer manufacturer's recommended coverage rate.

Method of Application

1. SBS FS Base membrane must be installed by fully heat welding to an appropriate substrate.
2. Please reference the GenFlex Asphalt Roofing Systems Guide for Applicators and Designers available on our website, www.GenFlex.com. for detailed information regarding the application of SBS FS Base.

Acceptable Immediate Substrates

- 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, DensDeck® ProFast, SECUROCK® Gypsum Fiber, DEXcell FA Glass Mat, DEXcell Cement Roof Board.

NOTE: Please consult the GenFlex Asphalt Roofing Systems Guide for Applicators and Designers found on the GenFlex website for detailed application information.

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 FS 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.
- Do not store or stage rolls in direct sunlight.

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%

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

FM APPROVED
CLASSIFIED C UL US
CCMC EVALUATION 13625-L
MIAMI-DADE COUNTY APPROVED

PRODUCT DATA	
Property	**Value**
Roll Width	3’ 3" (1 m)
Roll Length	65' 8" (20 m)
Net Coverage	200 ft^2 (18.5 m^2)
Roll Weight	106 lb (48 kg)
Pallet Size	48" x 39" (1.2 m x 1m)
Rolls per Pallet	20
Weight per Pallet	2,120 lb (961.62 kg)

AMRIZE

TYPICAL PROPERTIES

Property	ASTM Standard Required Value	GenFlex Typical Performance
Product Thickness	80 mil (2.0 mm)	80-mil (2.0 mm)
Peak Load at 0°F [-18°C]	70 lbf/in [12.3 kN/m]	121lbf/in [21.2 kN/m] - MD 102 lbf/in [17.9 kN/m] - XMD
Elongation at Peak Load at 0°F [-18°C]	1%	5% - MD, 5% - XMD
Peak Load at 73°F [23°C]	30 lbf/in [5.3 kN/m]	78 lbf/in [13.7 kN/m] - MD 45 lbf/in [7.9 kN/m] - XMD
Elongation at Peak Load at 73°F [23°C]	2%	5% - MD, 4% - XMD
Ultimate Elongation at 73°F [23°C]	3%	33% - MD, 39% - XMD
Tear Strength at 73°F [23°C]	35 lbf [156 N]	150 lbf [667 N] - MD 79 lbf [351 N] - XMD
Low Temperature Flexibility [maximum]	0°F [-18°C]	PASS
Dimensional Stability, max %	0.50%	0.1% - MD, 0.1% - XMD
Compound Stability [pass/fail]:	215°F [102°C]	PASS

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

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