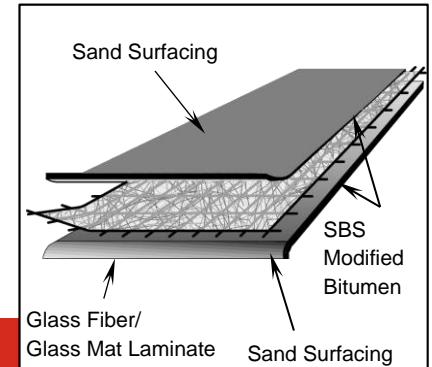


TECHNICAL INFORMATION SHEET

SBS Premium Base

Item Description
1 Roll (1.5 Square)

Item Number
W71GSS0925



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

Product Information

Description:

Firestone SBS Premium Base is a superior performing base sheet featuring a blend of SBS (Styrene-Butadiene-Styrene) rubber polymer and high quality asphalt reinforced with a glass fiber/glass mat laminate. 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 Premium Base is designed specifically as a base layer for use with Firestone SBS Modified Bitumen Systems, and is 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 | 50' (15.2 m) | Rolls Per Pallet | 25 |
| Net Coverage | 149 ft ² (13.8 m ²) | Weight per Pallet | 2,100 lb (955 kg) |
| Roll Weight | 82 lb (37 kg) | | |

Method of Application:

1. SBS Premium Base can be installed in Firestone-approved hot asphalt or Firestone Multi-Purpose MB Cold Adhesive.
2. Please see the Firestone Asphalt Roofing Systems Guide for Applicators and Designers at www.firestonebpc.com for detailed information regarding the application of SBS Premium Base.

Acceptable Immediate Substrates for Cold Adhesive 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.
- Firestone ISO 95+™ GL Insulation, ISOGARD™ HD Composite, ISOGARD HD Cover Board, and RESISTA™ Insulation.

Acceptable Immediate Substrates for Hot Asphalt 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).
- FiberTop, DensDeck Prime, SECUROCK Gypsum Fiber, STRUCTODEK® HD with Primed Red Coating.

NOTE: Please consult the Firestone Asphalt Roofing Systems Guide for Applicators and Designers and QuickSpecs online at www.firestonebpc.com to review specific information regarding the type of deck and insulation in use.

TECHNICAL INFORMATION SHEET

SBS Premium Base

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 Premium Base membrane 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:

- 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:

Post-Consumer Recycled Content: 0%

Pre-Consumer Recycled Content: 0%

Manufacturing Location: Beech Grove, IN

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



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

| Property | ASTM Standard | ASTM Standard Required Value | Typical Performance |
|--|----------------|---|---|
| Product Thickness | D 5147 | 80 mil (2.0 mm) | 90 mil (2.3 mm) |
| Net Mass | D 146 | 45 lb/100 ft ² (2,197 g/m ²) | 55 lb/100 ft ² (2,686 g/m ²) |
| Bottom Side Coating | D 5147 | N/A (Not a Torch Product) | 31 mil (0.8 mm) |
| Peak Load at 0 °F (-18 °C) | D 5147 | 150 lbf/in, MD (26.3 kN/m, MD) | 170 lbf/in, MD (30 kN/m, MD) |
| | | 150 lbf/in, XMD (26.3 kN/m, XMD) | 170 lbf/in, XMD (30 kN/m, XMD) |
| Elongation at Peak Load at 0 °F (-18 °C) | D 5147 | 2%, MD | 3%, MD |
| | | 2%, XMD | 3%, XMD |
| Peak Load at 73 °F (23 °C) | D 5147 | 80 lbf/in, MD (14 kN/m, MD) | 100 lbf/in, MD (18 kN/m, MD) |
| | | 80 lbf/in, XMD (14 kN/m, XMD) | 100 lbf/in, XMD (18 kN/m, XMD) |
| Elongation at Peak Load at 73 °F (23 °C) | D 5147 | 4%, MD | 6%, MD |
| | | 4%, XMD | 6%, XMD |
| Ultimate Elongation at 5% of Peak Load 73 °F (23 °C) | D 5147 | 20%, MD | 50%, MD |
| | | 20%, XMD | 50%, XMD |
| Tear Strength at 73 °F (23 °C) | D 5147, D 4073 | 110 lbf, MD (489 N, MD) | 150 lbf, MD (667 N, MD) |
| | | 110 lbf, XMD (489 N, XMD) | 150 lbf, XMD (667 N, XMD) |
| 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, XMD | 0.2% Change, XMD |
| Compound Stability | D 5147 | 215 °F (102 °C) | 250 °F (121 °C) |

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

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