

LeakBARRIER™

SBS MultiPurpose Underlayment

Uniquely Wrinkle-free and Lays Flat

LeakBarrier SBS MultiPurpose Underlayment is a unique and highly versatile glass fiber reinforced sheet sandwiched between two layers of a heavy coating of superior quality bituminous resins modified with synthetic resins. Due to its remarkable characteristics, SBS MultiPurpose Underlayment meets the physical requirements of the ASTM D-4869 four hour shower test.



Usage

LeakBarrier SBS MultiPurpose Underlayment is designed for use under composition shingles, shake applications, all types of tile, and metal roofing. It is especially suited for use as a base sheet/ply sheet in modified bitumen, asphalt built-up and cold process roofing systems.

Features and Benefits

- ◆ Use as an alternate for 15, 30 & 40 saturated felt
- ◆ Greater exposure time than ASTM D-226 felts as inorganic glass fiber mat resists the long term effects of moisture
- ◆ Excellent for valley liner
- ◆ Superior pliability of specially formulated SBS asphalt facilitates a wrinkle free flat laying sheet
- ◆ Fiber glass reinforcement eliminates the rot prevalent with saturated felt
- ◆ Lays flat and resists wrinkling for ease of application
- ◆ Manufactured with 8 ply lines
- ◆ Factory controlled characteristics
- ◆ Surpasses ATSM D-226 Type I & II standards
- ◆ Meets ASTM D-4869 Four Hour Shower Test standards
- ◆ UL Prepared Roofing Accessory

Storage

LeakBarrier SBS MultiPurpose Underlayment requires protection from damage and the weather. Constantly store rolls upright, in a dry location and never install when wet.

Application

- ◆ All roofing materials must be kept clean and free of moisture prior to installation.
- ◆ When covering the entire roof deck with MultiPurpose Underlayment, the roof system must include proper ventilation, including both ridge and soffit venting.

Application, *continued*

- ◆ Deck should be clean, dry and free of voids.
- ◆ **Slopes 2/12 to 3/12**
For composition roofs install two plies lapping a minimum of 2 inches on side laps and a minimum of 6 inches on end laps. Mechanically fasten to hold in place. For tile roofs see UBC 15 or Tile Manufacturers specifications.
- ◆ **Slopes 3/12 and greater**
Install one ply lapping a minimum of 2 inches on side laps and a minimum of 6 inches on end laps. Mechanically fasten to hold in place. Install two plies over valleys, hips and ridges.

Properties

| Property | Typical Value | Reference Test |
|--------------------------------|-----------------------|--------------------|
| Approximate Thickness | 55 Mils | ASTM D-5147 |
| Tensile Strength (lbf/in.) | MD=45, CD=45 | ASTM D-6163 Type 1 |
| Tear Strength | Pass | ASTM D-6163 Type 1 |
| Dimensional Stability | Pass | ASTM D-6163 Type 1 |
| Pliability at 77°F | Pass | ASTM D-4601 |
| Liquid Water Transmission Test | Pass | ASTM D-4869 |
| Moisture Vapor Permeability | 0.1 U.S. Perm or less | ASTM D-1970 |

Product Data

| | 1SQ Roll | 2SQ Roll |
|-------------------------|-------------|-------------|
| Roll Width | 36 Inches | 36 Inches |
| Roll Length | 33.4 Ft. | 72 Ft. |
| Coverage per Roll | 100 Sq. Ft. | 216 Sq. Ft. |
| Approximate Roll Weight | 33 Lbs. | 72 Lbs. |
| Rolls per Pallet | 49 | 25 |

Warranty

LeakBarrier SBS Multipurpose Underlayment is warranted to be free from manufacturer's defects.

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