

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 heavy coating of superior quality bituminous compound modified with synthetic resins. Due to its remarkable characteristics, SBS MultiPurpose Underlayment meets the physical requirements of the ASTM D 4869 liquid water transmission test (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 felts
- ◆ Greater exposure time than ASTM D 226 felts as inorganic glass fiber mat resists the long term effects of moisture
- ◆ Excellent as a 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 ASTM D 226 Type I & II standards
- ◆ Meets ASTM D 4869 Four Hour Shower Test standards



Storage

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

General Precautions

- ◆ All roofing materials must be kept clean and free of moisture prior to installation.

Surface Preparation

- ◆ Deck must be clean, dry and free of voids.

Application

◆ 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 Manufacturer 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 Values	Reference Test
Peak Load, MD & XMD	45 lbf/in.	ASTM D 6163
Elongation, MD & XMD	2%	ASTM D 6163
Tear Strength	35 lbf	ASTM D 6163
Dimensional Stability	Pass	ASTM D 6163

Property	Typical Values	Reference Test
Compound Stability	Pass	ASTM D 6163
Pliability @ 77° F	Pass	ASTM D 4601
Liquid Water Transmission	Pass	ASTM D 4869
Moisture Vapor Permeability	<0.1 U.S. perms	ASTM D 1970

Product Data

	1 Square	2 Squares
Width	36 inches	36 inches
Length	33.4 feet	66.8 feet
Gross Coverage	1 Square	2 Squares
Weight	36 lbs. (nominal)	72 lbs. (nominal)

Warranty: SBS MultiPurpose Underlayment is warranted to be free from manufacturer's defects.

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