

LeakBarrier® SBS MultiPurpose Underlayment

Uniquely Wrinkle-free and Lays Flat

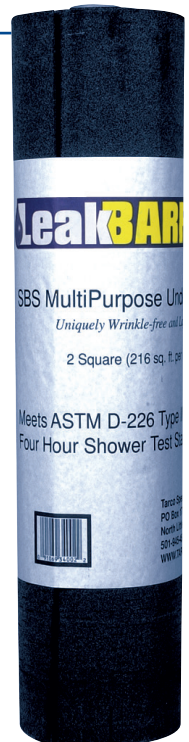
LeakBarrier SBS MultiPurpose Underlayment is a unique and highly versatile glass fiber reinforced sheet sandwiched between two layers of superior quality polymer modified bitumen. Due to its remarkable characteristics, SBS MultiPurpose Underlayment meets the requirements of ASTM D1970 Moisture Vapor Permeability and ASTM D4869 Liquid Water Transmission Tests.

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
- ◆ Cost-effective
- ◆ Versatile sheet; can be installed in a variety of applications
- ◆ Easy to handle
- ◆ Good durability
- ◆ Excellent deadfold characteristics
- ◆ Self-sealing around nails
- ◆ Superior pliability of specially formulated SBS asphalt facilitates a wrinkle free, flat laying sheet
- ◆ Fiber glass reinforcement eliminates the rot prevalent with saturated felt
- ◆ Manufactured with 8 ply lines
- ◆ Meets ASTM D226 Type I and II; ASTM D4601
- ◆ Surpasses ASTM D6380 Class S Type IV requirements (applicable sections)
- ◆ Passes ASTM D4869 Liquid Water Transmission test
- ◆ Passes ASTM D1970 Moisture Vapor permeability test
- ◆ Complies with the requirements of the International Residential Code (IRC) for valley lining material
- ◆ UL Classified (R 13228) for use in Class A and B roofs.



Storage

- ◆ Store rolls in a dry location, protected from the elements
- ◆ Do not store rolls in direct sunlight for prolonged time
- ◆ Store rolls upright
- ◆ When storing two pallets high, position a plywood sheet between pallets

General Precautions

- ◆ Install SBS Multipurpose Underlayment in strict compliance with applicable building code.
- ◆ Keep rolls clean and free from moisture prior to installation.
- ◆ Follow Occupational Safety and Health Administration (OSHA) safety standards, use common sense measures and adequate precautions to prevent accidents.
- ◆ Ensure proper ventilation of the attic.

Surface Preparation

- ◆ The substrate shall be clean, dry and free of voids prior to installing SBS Multipurpose Underlayment.

Application

- ◆ For ease of application, cut the roll into manageable lengths prior to use.
- ◆ Follow standard roofing practice when installing SBS Multipurpose Underlayment.
- ◆ **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 Value	Test Method	Product Data	
High/Low Temperature Unrolling	Pass	ASTM D1970	Width	36 in
Breaking Strength	>44 lbf/in	ASTM D146	Length	66 ft 8 in
Elongation	>2%	ASTM D6163	Thickness	40 mil (<i>nominal</i>)
Tear Strength	35 lbf	ASTM D6163	Gross Coverage	2 Squares
Moisture Content	0	ASTM D146	Weight	64 lb (<i>nominal</i>)
Pliability	Pass	ASTM D146		
Compound Stability	Pass	ASTM D6163		
Dimensional Stability	<0.5%	ASTM D6163		
Liquid Water Transmission	Pass	ASTM D4869		
Moisture Vapor Permeability	<0.1 U. S. Perms	ASTM D1970		

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

NOTE: All statements, information and data given herein are believed to be accurate and reliable, but are presented without guaranty, warranty or responsibility of any kind, expressed or implied, except as may be indicated otherwise in this literature.

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