

## PRODUCT DATA SHEET

### DESCRIPTION & FEATURES

LASTOBOND Shield HT (high temperature) is a SBS-modified bitumen underlayment for use in approved steep slope assemblies, and is designed to withstand service temperatures up to 240°F (116°C). LASTOBOND Shield HT is composed of a proprietary formulation of elastomeric styrene-butadiene-styrene (SBS) polymer modified bitumen in combination with high tack self-adhesive. The topside is surfaced with a high strength tri-laminate polyethylene film and the underside is surfaced with protective polyolefin release film that is removed during application.

### STORAGE

Store rolls on end and maintain in an upright position to prevent damage. Store rolls in a clean dry location and cover as necessary to protect rolls from environmental damage such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of LASTOBOND Shield HT.

### APPLICATION

Prior to installation, unroll LASTOBOND Shield HT onto the roof surface and allow to relax. LASTOBOND Shield HT may be applied to plywood, OSB board, wood plank, concrete or masonry. Place LASTOBOND Shield HT in desired position. Remove the protective release film from the underside of the sheet and roll LASTOBOND Shield HT into place with a hand roller. Refer to the SOPREMA SBS Roofing Manual for additional application guidelines.

APPLICATION



SELF-ADHERED

QUICK FACTS

LENGTH (ft)	WIDTH (in)	COVERAGE* (ft <sup>2</sup> )	THICKNESS (mils)	WEIGHT (lb)	ROLLS/PALLET (pallet weight)
67 (20.5 m)	36 (0.9 m)	184.3 (17.1 m <sup>2</sup> )	40 (1.0 mm)	45 (20 kg)	25 (1,125 lb/ 510 kg)

\* Coverage rate as reported assumes installation using side and end lap recommendations.

## TECHNICAL INFORMATION & TESTING

### SHEET PROPERTIES

Reinforcement	None
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
Top surfacing	Tri-laminate woven polyethylene
Back surfacing	Self-adhesive with release film
Selvage width, in (mm)	3 (76)
End lap, in (mm)	6 (152)

### DIMENSIONS & MASS

PROPERTY	TEST METHOD
Thickness, mils (mm)	40 (1.0) ASTM D1970

### PHYSICAL PROPERTIES

PROPERTY	MD	XMD	TEST METHOD
Peak load @ 0°F (-18°C), lbf/in (kN/m)	64	88	ASTM D1970
Elongation at break, minimum %	52	24	ASTM D1970
Tear resistance, lbf (N)	84 (375)	90 (400)	ASTM D1970
Thermal stability, maximum, °F (°C)	240 (116)	240 (116)	ASTM D1970
Low temperature flexibility, °F (°C)	-20 (-29)	-20 (-29)	ASTM D1970
Adhesion to plywood @ 40°F, lbf/ft (N/m)	12.0 (175)		ASTM D1970
Adhesion to plywood @ 75°F, lbf/ft (N/m)	39.4 (575)		ASTM D1970
Exposure allowance (days)	90		ASTM D4798/D3147

\* Data is represented by average values, unless noted otherwise.

## TESTING & APPROVALS

FLORIDA BUILDING CODE

MIAMI-DADE COUNTY  
APPROVED

