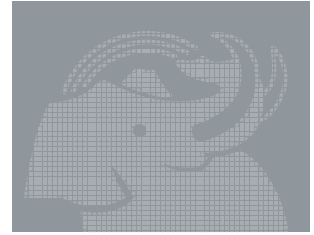
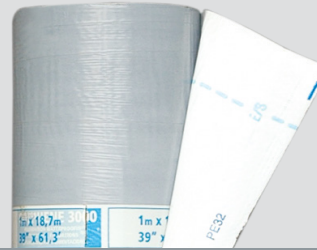


# LASTOBOND<sup>®</sup> SHIELD HT

Self-Adhered SBS-Modified Bitumen Underlayment



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PDS10166 - REV 230309

## PRODUCT NUMBERS:

- 10510 - 67 ft x 36 in (20.5 x 0.9 m) - Roll

## DESCRIPTION & FEATURES:

**LASTOBOND SHIELD HT** (high temperature) is a SBS-modified bitumen underlayment for use in approved steep-slope assemblies. **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
- Designed to withstand service temperatures up to 240°F (116°C)
- Backed with a silicone release film for quick and easy installation
- 100% UV protected for up to 90 days

## USES:

**LASTOBOND SHIELD HT** is used as a component in the following systems.

USE	OVERLYING MATERIAL
Underlayment	Metal roofing
	Asphalt Shingles

## APPLICATION:



SELF  
ADHERED

Prior to installation, unroll **LASTOBOND SHIELD HT** onto the roof surface and allow to relax. Place **LASTOBOND SHIELD HT** in desired position. Once positioned, firmly hold the membrane in place and remove the silicone release film. For best results, slowly peel film backing away at an angle. Roll **LASTOBOND SHIELD HT** into place with a weighted roller to ensure positive adhesion.

Refer to SOPREMA's published technical literature for additional details and application requirements.

## STORAGE:

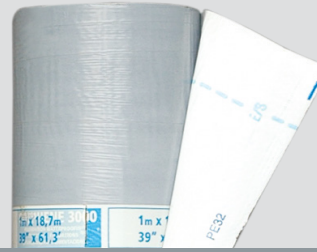
Store rolls in an upright position to prevent damage and do not double stack pallets. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture. Storage temperature range should be between 55°F (12.8°C) and 80°F (26.7°C). For prolonged storage, please store indoors at recommended temperatures. Approximate shelf life is 12 months from date of manufacturing when properly stored.

## LIMITATIONS:

Ambient and surface temperatures must be between 40°F (4°C) and below 110°F (43°C). Do not attempt application if ice, snow, moisture or dew are present. Temperatures should be a minimum of 5 degrees above the dew point.

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## TECHNICAL INFORMATION & TESTING:

### SHEET PROPERTIES

PROPERTY	VALUE
Elastomeric bitumen	Proprietary blend of bitumen and SBS polymers
ASTM Standard	D1970
Reinforcement	None
Top surfacing	Tri-laminate woven polyethylene
Back surfacing	Self-adhesive with release film

### DIMENSIONS & MASS

PROPERTY	VALUE	ASTM TEST METHOD
Length, ft (m)	67 (20.5)	D5147
Width, in (m)	36 (0.9)	D5147
Coverage,* ft <sup>2</sup> (m <sup>2</sup> )	184.3 (17.1)	D5147
Roll weight, lb (kg)	45 (20)	D5147
Rolls per pallet	25	D5147
Pallet weight, lb (kg)	1,125 (510)	D5147
Thickness, mils (mm)	40 (1.0)	D5147
Net mass per unit area, lb/100 ft <sup>2</sup> (g/m <sup>2</sup> )	19.7 (961.8)	D5147
Shelf life, months	12	D5147

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

### PHYSICAL PROPERTIES

PROPERTY	MD	XMD	ASTM TEST METHOD
Peak load @ 73.4°F (23°C), lbf/in (kN/m)	64	88	D1970
Elongation at break @ 73.4°F (23°C), %	52	24	D1970
Tear strength @ 73.4°F (23°C), lbf (N)	84 (375)	90 (400)	D1970
Low temperature flexibility, °F (°C)	-20 (-29)	-20 (-29)	D1970
Compound stability, °F (°C)	240 (116)	240 (116)	D1970
Adhesion to plywood @ 40°F (4.4°C), lbf/ft (N/m)	12.0 (175)		D1876
Adhesion to plywood @ 75°F (23.9°C), lbf/ft (N/m)	39.4 (575)		D1876
Exposure allowance, days	90		D5147

Data is represented by average values, unless noted otherwise.

## TESTING & APPROVALS:



FLORIDA BUILDING CODE



NOA # 20-0825.11

## WARRANTY:

For more information refer to [www.SOPREMA.us](http://www.SOPREMA.us) or contact your SOPREMA representative.

