

LASTOBOND SHIELD HT

Description:

LASTOBOND SHIELD HT is an SBS modified bitumen self-adhesive membrane, intended to be used as a roofing underlayment and/or as a Thru-Wall Flashing membrane in masonry or other cavity wall construction. It has a slip resistant surface composed of a polyethylene woven complex. This surface allows the use of **LASTOBOND SHIELD HT** on various slopes.

Because of its specific bituminous formulation, **LASTOBOND SHIELD HT** is designed to withstand service temperatures up to 115 °C (240 °F). It can therefore be used under metal roofing, and under asphalt shingles.

Minimal application temperature: 10 °C (50 °F).

The roof covering should be installed as soon as possible following the installation of **LASTOBOND SHIELD HT**.

Surface Preparation:

The use of a primer enhances the adhesion strength of self-adhesive membranes.

Contact your local **SOPREMA** technical representative for a list of approved surfaces, their preparation and the use of primer.

Properties

Properties	Standards	LASTOBOND SHIELD HT
Thickness (mm)	-	1.0 (40 mil)
Dimension (m)	-	22.9 x 0.91 (75 x 3 ft)
Roll weight (kg)	-	20 (44 lb)
Top face	-	Tri-laminate woven polyethylene
Underface	-	Silicone release film
Tensile Strength, MD / XD (kN/m)	ASTM D1970	11.3 / 15.4 (64 / 88 lbf/in.)
Ultimate Elongation, MD / XD (%)	ASTM D1970	52 / 24
Static Puncture (N)	ASTM D5602	400 (90 lb)
Lap Adhesion (N/m)	ASTM D1876	2000 (11.4 lbf/in)
Peel Strength (N/m)	ASTM D903	3050 (17.5 lbf/in.)
Tear Resistance, MD / XD	ASTM D5601	375 / 400 (84 / 90 lb)
Cold Bending (°C)	ASTM D1970	-30 (-22 °F)
Water Vapour Permeance (ng/Pa.s.m ²)	ASTM E96 (Procedure B)	< 0.90 (0.016 perm)

(All values are nominal)

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NOTE: SOPREMA INC. may modify the composition and/or utilisation of its products without prior notice. Consequently orders will be filled according to the latest specification.