



1.877.MAMMOUTH
www.soprema.ca

LASTOBOND SHIELD HT

TECHNICAL DATA SHEET
110419SCAN3E
(supersedes 100323SCAN2E)

DESCRIPTION

LASTOBOND SHIELD HT is an SBS modified bitumen self-adhesive membrane, intended to be used as a roofing underlayment. When required, **LASTOBOND SHIELD HT** membrane can be used 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.

Install roof covering as soon as possible following the membrane installation.

Application temperatures: 10 to 50 °C (50 to 122 °F)

Service temperatures: -45 to 115 °C (-49 to 239 °F)

PROPERTIES

Properties	Standards	LASTOBOND SHIELD HT
Thickness	-	1.0 mm (40 mil)
Dimension	-	22.9 x 0.91 m (75 ft x 36 in)
Roll weight	-	20 kg (44 lb)
Top face	-	Tri-Laminate Woven Polyethylene
Underface	-	'Split-back' Silicone release film
Breaking Strength, MD/XD	ASTM D1970	11.3 / 15.4 kN/m (64 / 88 lb/in)
Elongation at Break, MD/XD	ASTM D1970	52 / 24 %
Tear Resistance	ASTM D1970	375 / 400 N (84 / 90 lb)
Static Puncture	ASTM D5602	400 N (90 lbf)
Adhesion to Plywood, 4.5 °C	ASTM D1970	175 N/m (12 lbf/ft)
Adhesion to Plywood, 24 °C	ASTM D1970	575 N/m (39.4 lbf/ft)
Low Temperature Flexibility	ASTM D1970	Pass at -30 °C (-22 °F)
Water Vapour Permeance	ASTM E96	< 1.25 ng / Pa•s•m ² (0.022 perm)
Nail Sealability	ASTM D1970	Pass

(All values are nominal)

