LASTOBOND
SHIELD HT

WATERPROOFING

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET 220705SCANE (supersedes 220218SCANE)

DESCRIPTION

LASTOBOND SHIELD HT is a self-adhesive roof underlayment and eave protection membrane composed of SBS modified bitumen. The surface is slip resistant tri-laminate woven polyethylene, while the underface is covered with a "split-back" silicone release film.

This surface allows the use of LASTOBOND SHIELD HT membrane on various slopes.

RECOMMENDED SUBSTRATES

LASTOBOND SHIELD HT can be used on most construction surfaces, such as metal, plywood, OSB, gypsum or asphaltic boards such as SOPRABOARD.

SURFACE PREPARATION

Surfaces must be clean, dry and free of loose particles. In a case where a special job site condition requires superior adhesion, it is recommended that the substrate be primed with one of the ELASTOCOL STICK primers.

INSTALLATION

LASTOBOND SHIELD HT is used under any type of roof covering materials. The thermal resistance of LASTOBOND SHIELD HT allows the use of the membrane under roof covering materials which can reach high temperatures. It is advisable to install the roof covering materials within 24 hours after the installation of those membranes.

SELF-ADHESIVE

LASTOBOND SHIELD HT must be adhered to support by peelling off the siliconed release film. Once installed, a pressure must be applied over the whole surface using a membrane roller to ensure good contact.

Application temperatures: >10 °C (50 °F)

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

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

PACKAGING

Specifications	LASTOBOND SHIELD HT
Thickness	1.0 mm (40 mil)
Dimensions	22.9 x 0.91 m (75 x 3 ft)
Weight	0.97 kg/m^2 (0.2 lb/ft^2)
Selvedge width	75 mm (3 in)
Surface	Tri-laminate woven polyethylene
Underface	Self-adhesive, covered with a "Split-back" silicone release film

(All values are nominal)

TDS-LASTOBOND-SHIELD-HT-Soprema-en.indd

SYSTÈME QUALITÉ ISO 9001 QUALITY SYSTEM

SYSTÈME ENVIRONNEMENT ISO 14001 ENVIRONMENT SYSTEM

SOPREMA®

NOTE : SOPREMA INC. may modify the composition and/or utilization of its products without prior notice.

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PROPERTIES

Properties	Standards	LASTOBOND SHIELD HT
Breaking Strength, MD/XD	ASTM D1970	11/12 kN/m (63/68 lbf/in)
Elongation at Break, MD/XD	ASTM D1970	30/20 %
Tear resistance, MD/XD	ASTM D1970	375/400 N (84/90 lbf)
Static puncture resistance	ASTM D5602	400 N (90 lb)
Adhesion to plywood, 4.5 °C (40 °F)	ASTM D1970	1.6 kgf/30.5 cm (3.5 lbf/ft)
Adhesion to plywood, 24 °C (75 °F)	ASTM D1970	25 kgf/30.5 cm (55 lbf/ft)
Low temperature flexibility	ASTM D1970	Pass at -30 °C (-22 °F)
Water vapour permeance	ASTM E96	< 2.1 ng/Pa•s•m^2 (< 0.037 perm)
Nail Sealability	ASTM D1970	Pass

For CCMC product evaluation in compliance with CSA A123.22-08, see CCMC Evaluation Listing # 13570-L.
(All values are nominal)

STORAGE

Rolls must be stored upright, with the selvedge side on top. If the products are stored outdoors, cover them with an opaque protection cover after removal of the delivery packaging.

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