



WATERPROOFING

APPLICATIONS

ROOFS

LASTOBOND SHIELD - SUMMER & WINTER GRADE

TECHNICAL DATA SHEET 190828SCANE

(supersedes 190719SCANE)

DESCRIPTION

LASTOBOND SHIELD is a self-adhesive roof underlayment and eave protection membrane composed of SBS modified bitumen with a glass mat reinforcement. 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 membrane on various slopes.

RECOMMENDED SUBSTRATES

This product can be used on plywood, OSB 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 is used under any type of roof covering materials. It is advisable to install the roof covering materials within 24 hours after the installation of those membranes.

SELF-ADHESIVE

LASTOBOND SHIELD must be adhered to support by peeling 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:

LASTOBOND SHIELD Summer Grade: >10 to 50 °C (50 to 122 °F)

LASTOBOND SHIELD Winter Grade: -10 to 10 °C (14 to 50 °F)

Service temperatures (LASTODOND SHIELD Summer and Winter Grade: -45 to 90 °C (-49 to 194 °F)

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

PACKAGING

Specifications	LASTOBOND SHIELD (Summer and Winter Grade)
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)



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PROPERTIES

Properties	Standards	LASTOBOND SHIELD - SUMMER	LASTOBOND SHIELD - WINTER
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	12 kgf/30.5 (26 lbf/ft)	
Adhesion to plywood, 24 °C (75 °F)	ASTM D1970	31 kgf/30.5 (68 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)

ENTREPOSAGE

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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