

PRIMO-GUARD

Ice & Water Protection / Underlayment

Description:

PRIMO-GUARD is a self-adhesive roofing underlayment constructed of a glass mat carrier coated with our popular blend of SBS polymers, premium asphalt, and additives that gives the membrane the perfect combination of durability and flexibility. **PRIMO-GUARD** top surface is a sanded layer, and the under surface is an easily detachable silicon-based release film covering a highly adhesive layer of asphalt.

Features:

- split-release film for easy application.
- slip-resistant for safe application.
- excellent adhesion to multiple substrates.
- high flexibility.
- good dimensional stability.
- tear and puncture resistant.
- vapour barrier.
- rot resistant.

Uses:

PRIMO-GUARD is used as an underlayment on high-sloped roof decks to protect against ice and water intrusion that may damage the roofing system. The sheet is highly effective against possible ridge build-up of ice dams on rakes, eaves, and valleys of steep roofs.

Standards:

PRIMO-GUARD complies with the standards of ASTM D1970 and CSA A123.22-08.

Product Care:

- Rolls should be stored upright. Cover rolls if stored outside.
- Avoid direct prolonged sunlight exposure.
- Storage temperature should not exceed 109°F.
- Use roofing nails if underlayment support is needed. Do not use staples.

Product Application:

The surface shall be clean from all contaminants such as dust, oil and grease, and debris.

- If needed, prime the surface with PRIMER or SOL at a rate of 0.3-0.5 L / m² depending on surface smoothness. Wait till it is dry to touch.
- Lay down the rolls starting from the lower edge, unroll and align beside the other rolls with a 3 inch side lapping.
- Peel the release film from the lower side, start unrolling the membrane, and press it from the center towards the edges making sure to drive out any trapped air.
- Application temperature shall not be under 41°F to ensure good adhesion.
- The membrane must be protected from site activities, sun, and bad weather conditions.



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PHYSICAL PROPERTIES:

Dimensions:	36" x 65'
Nominal Thickness:	1.35 mm 53 mil
Nominal Weight:	30 kg
No. on Pallet	30 Rolls

Top Surface:	Sand
Bottom Surface:	Split Release Film
Gross Coverage:	20 m ² (215 sqft)
Net Coverage:	17 m ² (183 sqft)

TEST STANDARDS:	REQUIREMENTS:	TEST METHOD:
Maximum Load (L, T)	4.4 KN / m	ASTM D2523
Elongation at Break (L, T)	10%	ASTM D2523
Adhesion to Plywood at 4°C, min	0.92 kg/30.5cm	ASTM 903
Adhesion to Plywood at 23°C, min	5.44 kg/30.5cm	ASTM 903
Thermal Stability	3 mm	ASTM D1204
Flexibility Temperature	-20.2 °F	ASTM D1970
Tear Resistance (L, T)	89 N	ASTM D4073
Waterproof Integrity of Lap Seam	Pass	ASTM D1970
Sealability Around Nail	Pass	ASTM D7349
Moisture Vapour Permeance	5.7 ng/Pa.S.M ²	ASTM E96
Slip Resistance	Pass	ASTM D1970

STATEMENT OF RESPONSIBILITY:

This Technical Data is the average result of tests, measurements, and trials carried out by LAMA's own laboratory in accordance to international standards such as ASTM, BS, and UEAtc. acceptable deviation according to UEAtc. Nothing contained within the technical tables is represented by a warranty or guarantee for which LAMA can be held legally responsible.

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