



TECHNICAL DATA SHEET

LAMA Hi-Temp

High temperature SBS modified self-adhered roofing underlayment with an anti-slip film top surface and split release film backing; available in 1.0 mm and 1.2 mm.

PRODUCT DESCRIPTION

LAMA Hi-Temp is a premium high temperature self-adhered SBS modified bitumen roofing underlayment engineered for durability beneath metal roofing and asphalt shingles. The anti-slip film top surface provides a safe working surface, while the high tack adhesive and split release film allow quick, precise application with a fully adhered, watertight secondary barrier.



LAMA HI-TEMP

FEATURES & BENEFITS

■ High Temperature Resistance

Formulated for the elevated deck temperatures found beneath metal roofing in high solar exposure conditions.

■ Superior Adhesion

Bitumen to bitumen lap bond delivers watertight seams and long lasting performance.

■ Anti-Slip Film

Slip resistant top surface for safer footing in demanding conditions.

■ Self-Adhered

Split release film allows fast, fastener free installation with a full bond to the deck.

APPLICATIONS

Formulated for high temperature roofing applications: standing seam and exposed fastener metal roofs, asphalt shingles, and other steep slope systems, particularly in regions with high solar exposure. Suitable as ice and water protection at eaves, valleys, ridges, and penetrations or as full deck coverage.

COMPLIANCE

Meets the requirements of ASTM D1970/D1970M-15a, verified by independent third party testing, and CSA A123.22-08. Florida Product Approval FL47943.



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Physical Properties

SPECIFICATIONS

Dimensions	0.915 × 20 m · 36" × 65'	Top Surface	Anti-Slip Film
Nominal Thickness	1.0 / 1.2 mm · 40 / 48 mils	Bottom Surface	Split Release Film
Rolls per Pallet	30	Reinforcement	Fiberglass
Net Coverage	17 m ² · 183 sqft	Gross Coverage	18 m ² · 195 sqft

TEST STANDARDS

TEST PROPERTY	LAMA HI-TEMP TYPICAL	ASTM D1970 REQUIREMENT	TEST METHOD
Maximum Load, MD	10.3 kN/m (58.8 lbf/in)	min. 4.4 kN/m (25 lbf/in)	ASTM D2523
Maximum Load, XMD	7.1 kN/m (40.3 lbf/in)	min. 4.4 kN/m (25 lbf/in)	ASTM D2523
Elongation at Break, MD	12.0 %	min. 10 %	ASTM D2523
Elongation at Break, XMD	13.1 %	min. 10 %	ASTM D2523
Adhesion to Plywood at 4 °C	7.4 kgf/30.5 cm	min. 0.92 kgf/30.5 cm	ASTM D903
Adhesion to Plywood at 23 °C	5.8 kgf/30.5 cm	min. 5.44 kgf/30.5 cm	ASTM D903
Thermal Stability at 70 °C	0.0 mm	max. 3 mm	ASTM D1204
Tear Resistance, MD	300 N (67.5 lbf)	min. 89 N (20 lbf)	ASTM D4073
Tear Resistance, XMD	138 N (31.0 lbf)	min. 89 N (20 lbf)	ASTM D4073
Moisture Vapour Permeance	2.40 ng/Pa·s·m ²	max. 5.7 ng/Pa·s·m ²	ASTM E96
Waterproof Integrity after Flex at -29 °C	Pass	Pass	ASTM D1970
Waterproof Integrity of Lap Seam	Pass	No water penetration	ASTM D1970
Sealability Around Nail	Pass	Pass	ASTM D7349

Typical values are averages of production material tested by ACE Laboratories (ANAB accredited ISO/IEC 17025 laboratory, certificate AT-2601), report JX18G4A Rev. 3, 29 September 2025; sample ACE-340393 produced at the Brantford, Ontario facility. Values are not specification limits.

STATEMENT OF RESPONSIBILITY

Values shown are averages obtained from third party testing by an ANAB accredited ISO/IEC 17025 laboratory, supported by LAMA's in-house quality control testing. Individual production results will vary within normal manufacturing tolerance. Nothing contained within the technical tables constitutes a warranty or guarantee for which LAMA may be held legally responsible.

This product data sheet supersedes all previous data publications pertaining to this product. This data may be changed, improved, or modified by LAMA in accordance with client requirements and the availability of raw materials, without advance notice.