



LAMA HI-TEMP

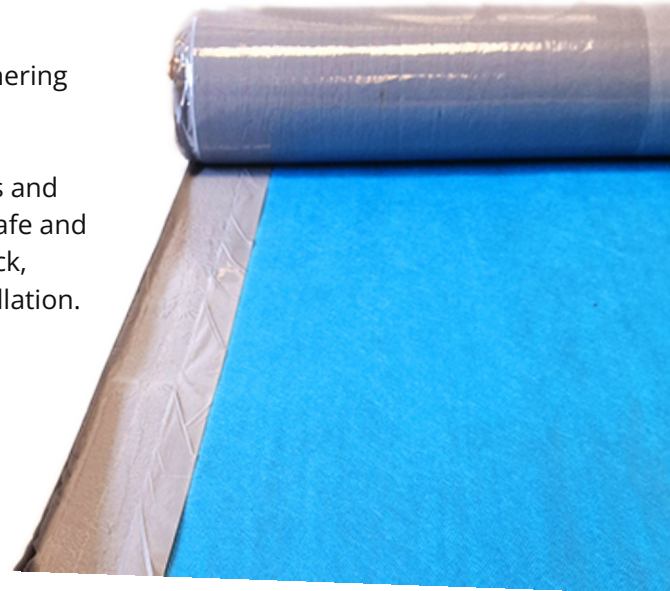
High Temperature Self-Adhering
Ice & Water Protection Roofing Underlayment

PRODUCT DESCRIPTION

LAMA HI-TEMP is a premium-grade, high-temperature self-adhering roofing underlayment engineered for superior durability and performance. Designed to withstand extreme conditions, this underlayment provides robust protection beneath metal roofs and asphalt shingles. The advanced anti-slip top surface ensures safe and efficient application, while the bottom layer features a high-tack, asphalt-based adhesive with a split-release liner for easy installation.

FEATURES AND BENEFITS

- **Superior Adhesion:** Bitubond™ technology delivers exceptional bitumen-to-bitumen adhesion for watertight seams and long-lasting performance.
- **High-Temperature Resistance:** Capable of withstanding temperatures up to 125°C (257°F) without compromising integrity, making it ideal for metal roofing systems.
- **UV Resistance:** Enhanced UV-resistant formulation allows for prolonged exposure to sunlight for up to 12 months without degradation, ensuring lasting protection during extended installation periods.
- **Easy Installation:** The split-release liner allows for quick and precise application, reducing installation time and labor costs.
- **Slip-Resistant Surface:** The anti-slip film on the top layer provides a safer working surface, even in challenging conditions.
- **Dimensional Stability:** Engineered for minimal thermal expansion and contraction, ensuring consistent coverage and protection.
- **Tear and Puncture Resistance:** The robust composition resists damage during installation and throughout the roof's life



APPLICATIONS

LAMA HI-TEMP is specifically formulated for high-temperature roofing applications, making it the perfect underlayment for metal roofs, asphalt shingles, and other steep-slope roofing systems. It is particularly effective in regions with high solar exposure or where metal roofing is preferred.

COMPLIANCE

LAMA HI-TEMP meets and exceeds the requirements of ASTM D1970 and CSA 123.22-08, ensuring reliable performance across a range of challenging conditions.

HANDLING AND STORAGE

- Store rolls upright and in a dry, protected area. If stored outside, cover rolls to shield them from direct sunlight.
- Avoid prolonged exposure to temperatures above 43°C (110°F).
- When additional support is needed, use roofing nails instead of staples.



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PHYSICAL PROPERTIES

Dimensions	0.915x20m 36" x 65'	Top Surface	Anti-Slip
Nominal Thickness	1.2 mm 48 mils	Bottom Surface	Split Release Film
Nominal Weight	26.5 kg 58 lbs	Gross Coverage	18.3 m ² 197 sqft
No. on Pallet	30 Rolls	UV Exposure	12 months

TEST STANDARDS

Test Property	Requirement	Test Method
Compound Stability	> 125°C (257°F)	ASTM D36
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 D903
Adhesion to Plywood at 23°C, min	5.44 kg/30.5cm	ASTM D903
Thermal Stability	3 mm	ASTM D1204
Flexibility Temperature	-29°C (-20°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, max	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.

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 the client's requirements, and availability of raw materials, without advance notice.