



TECHNICAL DATA SHEET

LAMABase-T

SBS modified, polyester reinforced, torch-applied base sheet with thermofusible film surfaces.

PRODUCT DESCRIPTION

LAMABase-T is a torch-applied waterproofing membrane, highly elastic and modified with Styrene Butadiene Styrene (SBS) for exceptional cold-weather flexibility. The membrane is reinforced with non-woven, spun-bonded polyester for added strength and resistance to heat aging, punctures, and rotting. The lower and upper surfaces are covered with a thermofusible film.



FEATURES & BENEFITS

■ Excellent Elasticity

SBS modification delivers high flexibility, including at low temperatures.

■ Polyester Reinforced

Non-woven, spun-bonded polyester for high mechanical strength and resistance to aging, punctures, and rotting.

■ Torch-Applied

Thermofusible bottom film for full-bond torch application to the substrate.

■ Chemical Resistance

Good resistance to acids, sulphates, and chlorides, with good weathering properties.

APPLICATIONS

LAMABase-T is used as a base or interply membrane in multi-layer torch-applied modified bitumen assemblies. It provides the base layer of protection for the surface and is typically covered with a cap sheet. Side overlaps are 100 mm and end overlaps are 150 mm; the membrane may be installed in a loose-lay, partially bonded, or fully bonded manner depending on the structure and project specifications.

COMPLIANCE

Complies with CSA A123.23-15 Type B, Grade 2, and ASTM D6164 Type I, Grade S.



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Physical Properties

SPECIFICATIONS

Top Surface	Thermofusible Film	Nominal Weight	50 kg [110 lbs]
Bottom Surface	Thermofusible Film	Mass per Unit Area	3.3 kg/m ² [68 lbs/100 ft ²]
Reinforcement	Non-Woven Polyester	Gross Coverage	15 m ² [161 sqft]
Nominal Thickness	2.2 mm [87 mils]	No. on Pallet	20 Rolls
Dimensions	1 × 15 m		

TEST STANDARDS

TEST PROPERTY	VALUE	TEST METHOD
Peak Load @ 23°C, MD / XMD	16.0 / 13.0 kN/m [91 / 74 lbf/in]	ASTM D5147
Elongation at Peak Load @ 23°C, MD / XMD	36 / 40%	ASTM D5147
Ultimate Elongation @ 23°C, MD / XMD	45 / 50%	ASTM D5147
Strain Energy @ 23°C, MD / XMD	4.9 / 4.1 kN/m [28 / 23 lbf/in]	ASTM D5147
Tear Resistance @ 23°C	246 N min [55 lbf]	ASTM D4073
Low Temperature Flexibility	-18°C [0°F]	ASTM D5147
Dimensional Stability, max	1.0%	ASTM D5147
Compound Stability @ 102°C	No failures	ASTM D5147
Resistance to Puncture	Pass	ASTM D5602
Water Vapour Transmission	0.2 g/m ² /day	ASTM E96

STATEMENT OF RESPONSIBILITY

Where shown, tear, dimensional stability, and puncture resistance are reported to the minimum requirements of ASTM D6164 Type I, Grade S. Final production values for the 2.2 mm sheet are confirmed by lot testing and available on request. This technical data represents typical results of tests carried out by LAMA's own laboratory in accordance with international standards such as ASTM, BS, and UEAtc; nothing contained herein is a warranty or guarantee for which LAMA can be held legally responsible.

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