



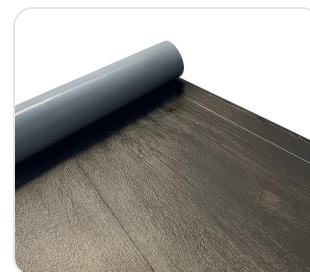
TECHNICAL DATA SHEET

LAMABase SA

SBS modified, fibreglass reinforced, self-adhered base sheet to ASTM D1970; available in 1.3 mm, 2.2 mm, and 2.5 mm.

PRODUCT DESCRIPTION

LAMABase SA is a self-adhered waterproofing membrane, highly elastic and modified with Styrene Butadiene Styrene (SBS) for superior flexibility in cold weather. The sheet is reinforced with fibreglass for excellent dimensional stability and fire resistance. The bottom surface carries a siliconized release liner for clean, fastener-free application; the top surface is a burn-off film that accepts a torch-applied cap sheet directly. LAMABase SA is offered in 1.3 mm, 2.2 mm, and 2.5 mm nominal thicknesses to suit the assembly.



FEATURES & BENEFITS

■ Self-Adhered

Peel-and-stick application onto primed substrates; no torch, hot asphalt, or fasteners required for the base ply.

■ Fibreglass Reinforced

Fibreglass mat for high dimensional stability, fire resistance, and mechanical strength.

■ Three Thicknesses

1.3 mm for standard base ply duty; 2.2 mm and 2.5 mm where a heavier, more robust base layer is specified.

■ High Temperature Stability

High-temperature SBS compound with no flow at 125°C; suited to hot roofs and dark surfaces.

APPLICATIONS

LAMABase SA is used as the first layer in multi-layer modified bitumen assemblies. Prime the substrate, lay out the roll with the release liner facing the deck, then remove the liner and apply pressure so the membrane bonds fully to the substrate. Side overlaps are 100 mm and end overlaps are 150 mm. The membrane may be installed loose-laid, partially bonded, or fully bonded depending on the structure and project specifications. Store rolls upright, covered if outdoors, out of prolonged direct sunlight, and below 43°C [110°F].

COMPLIANCE

Complies with ASTM D1970 and CSA A123.23.



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Physical Properties

SPECIFICATIONS

Top Surface	Burn-Off Film	Roll Size, 1.3 mm	1 × 20 m · 20 m ² 39.4" × 65' · 215 sqft
Bottom Surface	Siliconized Release Liner	Roll Size, 2.2 & 2.5 mm	1 × 15 m · 15 m ² 39.4" × 49' · 161 sqft
Reinforcement	Fibreglass	No. on Pallet	30 Rolls
Application	Self-Adhered	Overlaps, Side / End	100 / 150 mm 4 / 6 in
Nominal Thickness	1.3 · 2.2 · 2.5 mm 51 · 87 · 98 mils	Max. Storage Temperature	43°C 110°F

TEST STANDARDS

TEST PROPERTY	VALUE metric / imperial	TEST METHOD
Penetration @ 25°C [77°F]	15 to 30 dmm	ASTM D5
Heat Resistance, no flow after 2 h	125°C 257°F	BS EN 1110
Thermal Stability, max	3 mm 0.12 in	ASTM D1204
Flexibility Temperature, no cracking	-29°C -20°F	ASTM D1970
Tensile Strength, MD / XMD	12.5 / 5.5 kN/m 71 / 31 lbf/in	ASTM D5147 / D146
Ultimate Elongation, MD / XMD	40 / 45%	ASTM D146
Tear Resistance @ 23°C, MD / XMD	350 / 280 N 79 / 63 lbf	ASTM D4073
Adhesion to Plywood @ 4°C [39°F], min	0.92 kg / 30.5 cm 2.0 lb / ft	ASTM D903
Adhesion to Plywood @ 23°C [73°F], min	5.44 kg / 30.5 cm 12.0 lb / ft	ASTM D903
Waterproof Integrity of Lap Seam	Pass	ASTM D1970
Sealability Around Nail	Pass	ASTM D7349
Water Absorption	< 1%	ASTM D5147
Water Pressure Resistance, 1000 mm [39 in] head, 24 h	No leakage	UEAtc MOAT 27
Water Vapour Transmission	0.2 g/m ² /day	ASTM E96

STATEMENT OF RESPONSIBILITY

Test values shown are typical results for the 1.3 mm sheet; the 2.2 mm and 2.5 mm sheets use the same reinforcement and compound. Where a minimum is stated, the product meets or exceeds the ASTM D1970 requirement. This technical data represents the average result 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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