



# LAMABase SA

SBS modified fibreglass reinforced  
self-adhesive base sheet.

## DESCRIPTION

**LAMABase SA**, a self-adhesive waterproofing membrane, features high elasticity and is enhanced with Styrene Butadiene Styrene (SBS) for superior flexibility in cold weather conditions. Its structure is fortified with fibreglass reinforcement, ensuring excellent dimensional stability and resistance to fire. The bottom layer is equipped with a siliconized release liner for ease of application, and the top layer includes a burn-off film to easily apply a cap sheet on top.

## FEATURES

- Excellent elasticity.
- Excellent adhesion.
- High flexibility at low temperatures.
- Resistance to aging.
- High mechanical strength.
- Good resistance to acids, sulphates, and chlorides.
- Good weathering properties.

## USES

**LAMABase SA** is used as the first layer in a multi-layer assembly.

## STANDARDS

**LAMABase SA** complies with CSA A123.23 and ASTM D6164.

## PRODUCT CARE

- Rolls should be stored upright. Cover rolls if stored outside.
- Avoid direct prolonged sunlight exposure.
- Storage temperature should not exceed 43°C (110 F).

## PRODUCT APPLICATION

To install the product, make sure surface is primed, lay out the rolls so that the lower face with the release film is in contact with the substrate. To secure the sheet to the substrate, remove the liner and apply pressure so that membrane adheres to substrate. Ensure that 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.





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## PHYSICAL PROPERTIES

Dimensions	1x20m II 39.4" x 65'	Top Surface	Burn-off Film
Nominal Thickness	1.5mm II 59 mils	Bottom Surface	Self-release film
Nominal Weight	41kg II 90lbs	Gross Coverage	20 m <sup>2</sup> II 215 sqft
No. on Pallet	25 Rolls		

## TEST RESULTS

Test Property	Result	Test Method
Penetration at 25°C, dmm	15-30	ASTM D5
Softening Point	> 130°C (266 F)	ASTM D36
Heat Resistance, no flowing after 2 hours	At 100°C (212 F)	BS EN 1110
Cold Pliability, No cracking	At -18°C (0 F)	ASTM D5147
Tensile Strength Long, kN/m	12.5	ASTM D5147, ASTM D146
Tensile Strength Trans, kN/m	5.5	ASTM D5147, ASTM D146
Ultimate Elongation Lat, %	40	ASTM D146
Ultimate Elongation Trans, %	45	ASTM D146
Tear Resistance @ 23°C Lat, N	350	ASTM 4073
Tear Resistance @ 23°C Trans, N	280	ASTM 4073
Water Absorption. %	> 1	ASTM D5147
Water Pressure Resistance, at 1000 mm water head/24 hrs	No leakage	UEAtc MOAT 27
Water Vapor Transmission, g/m <sup>2</sup> per day	0.2	ASTM E96

## 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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