



LAMACap

SBS modified polyester reinforced cap sheet.

DESCRIPTION

LAMACap is a torch-applied waterproofing membrane that is highly elastic and modified with Styrene Butadiene Styrene (SBS) for exceptionally 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 surface is covered with a burn-off polyethylene film, while the upper surface is covered with mineral granules for UV protection and aesthetic appeal.

FEATURES

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

USES

LAMACap is usually used as the top layer in a multi-layer assembly. It serves as the final layer of protection for the surface and is exposed to the elements.

STANDARDS

LAMACap complies with **CSA A123.23-15 TYPE B GRADE 1** and **ASTM D6164G**.

PRODUCT CARE

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

PRODUCT APPLICATION

To install the product, lay out the rolls so that the lower face with the polyethylene film is in contact with the substrate. To secure the sheet to the substrate, use a propane gas burner to melt the polyethylene film and a thin layer of bitumen while unrolling and laying the membrane. 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.





LAMACap

SBS modified polyester reinforced cap sheet.

PHYSICAL PROPERTIES

Dimensions	1x8m II 39"x26'	Top Surface	Mineral granule
Nominal Thickness	4mm II 160 mils	Bottom Surface	Burn-off film
Nominal Weight	50kg II 110 lbs	Gross Coverage	8 m ² II 86 sqft
No. on Pallet	28 Rolls		

TEST RESULTS

Test Property	Result	Test Method
Penetration at 25°C, dmm	15-30	ASTM D5
Softening Point, °C	> 130	ASTM D36
Heat Resistance, no flowing after 2 hours	At 100°C	BS EN 1110
Cold Pliability, No cracking	At -20°C	ASTM D5147
Tensile Strength Long, N/5cm	800	ASTM D5147, ASTM D146
Tensile Strength Trans, N/5cm	650	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 ² 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.

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.