TECHNICAL DATA SHEET

LAMACap-T

Torch applied SBS modified bitumen cap sheet, polyester reinforced, with a mineral granule top surface and burn off film backing.

PRODUCT DESCRIPTION

LAMACap-T is a torch applied SBS modified bitumen waterproofing membrane reinforced with non woven spunbonded polyester for high mechanical strength and resistance to heat aging, punctures, and rotting. The SBS compound provides high elasticity and cold weather flexibility. The upper surface is covered with mineral granules for UV protection and a durable wearing surface; the lower surface is covered with a burn off polyethylene film for torch application.

LAMACAP-T

FEATURES & BENEFITS

- **Torch Applied**
  Burn off bottom film for full bond torch application over the base ply.
- **Mineral Granule Surface**
  UV protective, durable wearing surface with lasting appearance.
- **Polyester Reinforced**
  Non woven spunbonded polyester for high tensile strength, puncture resistance, and dimensional stability.
- **SBS Modified**
  Highly elastic compound with excellent low temperature flexibility and resistance to aging.

APPLICATIONS

Cap ply in multi ply torch applied modified bitumen roofing and waterproofing systems on low slope commercial, institutional, and residential roofs. Installed as the final exposed layer over a torch applied or mopped base sheet; may be loose laid, partially bonded, or fully bonded according to the assembly design.

COMPLIANCE

Complies with CSA A123.23-15 Type B Grade 1 and ASTM D6164 Type I Grade G.

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Physical Properties

SPECIFICATIONS

Dimensions	1.0 × 8 m · 39" × 26'
Nominal Thickness	4.0 mm · 160 mils
Nominal Weight	50 kg · 110 lbs
Rolls per Pallet	28
Top Surface	Mineral Granules
Bottom Surface	Burn Off Film
Reinforcement	Non Woven Polyester
Gross Coverage	8 m² · 86 sqft

TEST STANDARDS

TEST PROPERTY	VALUE	TEST METHOD
Tensile Strength, MD	800 N/5 cm	ASTM D5147
Tensile Strength, XMD	650 N/5 cm	ASTM D5147
Ultimate Elongation, MD	40 %	ASTM D5147
Ultimate Elongation, XMD	45 %	ASTM D5147
Tear Resistance at 23 °C, MD	350 N	ASTM D4073
Tear Resistance at 23 °C, XMD	280 N	ASTM D4073
Low Temperature Flexibility	No cracking at −20 °C	ASTM D5147
Heat Resistance, 2 h	No flow at 100 °C	BS EN 1110
Water Absorption	< 1 %	ASTM D5147
Water Pressure Resistance, 1000 mm head, 24 h	No leakage	UEAtc MOAT 27
Water Vapour Transmission	0.2 g/m² per day	ASTM E96

Values are typical results from LAMA's laboratory testing of production material and are not specification limits.

STATEMENT OF RESPONSIBILITY

This technical data represents typical results of tests, measurements, and trials carried out by LAMA's own laboratory in accordance with international standards such as ASTM, BS, and UEAtc. Nothing contained within the technical tables is represented as 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 client requirements and the availability of raw materials, without advance notice.

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