

CARRIER-LESS MEMBRANES

CLM 40 & CLM 50
SBS modified

Description

A high performance, elastomeric (SBS) bituminous, non reinforced membrane. The elastomeric compound provides an elongation of more than 1000% with more than 90% elastic recovery.

Features

- Specially designed for high rate of expansion
- Superior elongation.
- Excellent elastic recovery
- Durable and easy to apply
- Remarkable resistance to aggressive attack of salts and chemicals.

Functions

Ideal to use as a single and/or double layer inverted roofing for pre-cast buildings with high of expansion. It can also be used as expansion joint reinforcement. AWAZEL CLM is a typical waterproofing material for all types of waterproofing and damp-proofing applications in basements and roots. We recommend to use double layers in basements.

Instructions For Application

These membrane should be installed loose-laid by torch welding to obtain full benefit from the superior elasticity of the membrane. Only the lap joints, areas around penetrations (pipes etc), upstands and a 30 cm wide strip around the perimeter of the work should be fully bonded. AWAZEL PRIMER D 41 is applied to areas where full bonding will occur. Upstands and flashings should be installed using 1m wide pieces cut from the length of the roll.

Coverage

1.12 m per layer for flat surfaces

Health & Safety

All safety measures should be observed during application. Fire extinguishers should be available at the site. Protective gear, such as gloves and goggles, should be worn by personnel during application.

Precautions

No special precautions are needed.

Packing

Supplied in rolls of 10x1 or 8x1 meter Long

Surfacing

The following surfacing options are available:
- PP Film on top and PE Film at bottom
- PE Film on both sides

Storage & Material Handling

The rolls should be stored in a shaded area in the original packing. Rolls should not be stacked one over another.

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TECHNICAL DATA

Properties	Typical Results		Test Method
	CLM 40	CLM 50	
Nominal Thickness, mm	4.0	5.0	UEatc, M.O.A.T. 31
Nominal Unit Weight, Kg/m ²	4.0	5.0	UEatc, M.O.A.T. 31
Roll size, m	10x1	8x1	UEatc, M.O.A.T. 31
Coating Asphalt Type Softening Point (R&B), °C Penetration at 25°C, 0.1 mm	SBS Modified Asphalt > 115 30-45		ASTM D 36 ASTM D 5
Ultimate Elogation, %	> 1000		UEatc, M.O.A.T 31
Cold Flexibility at - 20°C	No Cracking		UEatc, M.O.A.T 31
Heat Resistance at 100°C	No Flowing		DIN 52123
Resistance to Waterpressure, 29 bar (29 psi)	No Leakage		DIN 52123
Water Absorption, % (BSP)	< 3.2		ASTM D 5147
Resistance to Aging after 2000 hours (Accelerated Weathering Tester)	No Deterioration		ASTM D 4799

Note: The above shown technical data are typical results obtained, to the best of our knowledge, from our quality control records, extra details can be provided upon request.

* As the material is highly elastic and stretchable type, a deviation in length and width is expected after storing end even while applying due to stretching stress.