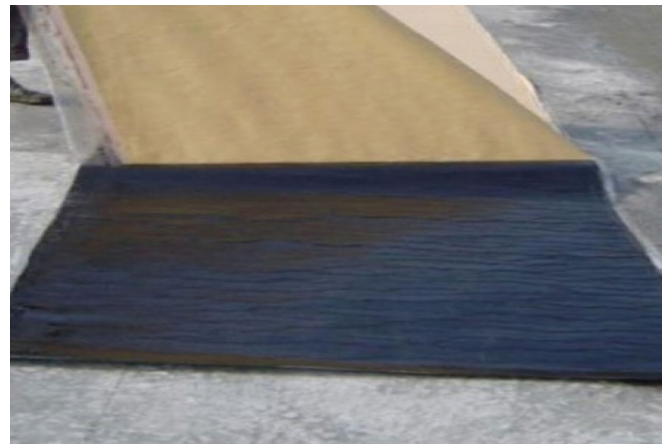


MAK POLYPLAST SAM-XL

Self-adhesive SBS Modified bitumen membrane with cross laminated film



Description

MakPOLYPLAST SAM-XL Self - Adhesive membranes are produced with special multi-layer design with a heavy duty, lamination of cross laminated HDPE film over a layer of SBS modified bitumen and a silicon coated release liner on the adhesive side.

Mak POLYPLAST SAM-XL is an excellent, general purpose water proofing membrane with high puncture resistance, tensile strength and tear resistance.

LAP JOINTS

MakPOLYPLAST SAM-XL overlaps are simply pressed together to give a permanent watertight seal.

OUTSTANDING FEATURES

- ◆ Self-adhesive
- ◆ Reinforced
- ◆ Ease of application

Uses

Mak POLYPLAST SAM-XL is the ideal membrane for damp-proofing foundations, bridges, viaducts and tunnels, coaches etc. It is recommended for use as a protective shield against water and ice. Strips of various widths are used extensively for instant adhesion /bonding.

APPLICATION

The surface to receive Mak POLYPLAST SAM-XL should be smooth and dry and should be free from dust and dirt. The surface should be primed thoroughly with a concrete Mak Primer. It is installed by progressively peeling off the release paper and unrolling the membrane along with it.

Apply the membrane keeping 50mm side lap and 100mm end lap.

The membrane, particularly at the overlaps, should be firmly pressed down to ensure a good seal by using a small roller.

Nominal Roll Length	Nominal Width	Nominal thickness	Nominal Weight
20 M	1 M	1 mm	1 kg/sqm
20 M	1 M	1.5 mm	1.5 kg/sqm
20 M	1 M	2 mm	2 kg/sqm

Technical Characteristics

S.No.	Property	MakPolyplast SAM-XL
1.	Softening point, °C	105 ± 5
2.	Penetration @ 25 °C, dmm	50 ± 5
3.	Low temperature cold flexibility, °C	<= -15
4.	Tensile strength of film, N/mm ² Longitudinal Transverse	45 50
5.	Elongation at break of film, % Longitudinal Transverse	250 225
6.	Tear strength of film, N/mm Longitudinal Transverse	330 320
7.	Puncture resistance, N	>210
8.	Hydrostatic pressure @5 bar (50m)	No leakage
9.	Water absorption, % Wt. (24hrs, @ 23 OC)	<0.2
10.	Low temp. flexibility (cold bend @ -15 OC for 8 days)	No cracking

Disclaimer

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Storage

MakPOLYPLAST SAM-XL has a shelf life of 12 months if stored in a cool and dry place, away from direct sunlight.

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