

MAK POLYPLAST SAM

Self-adhesive SBS Modified membrane



Description

MAK POLYPLAST SAM is a self-adhesive membrane produced with special multilayer design with a glass fiber, polyester which is impregnated and coated on both sides with a uniquely formulated elastomeric bitumen compound, which provides high adhesive properties. It is an excellent general - purpose water proofing membrane with a dimensionally stable, inert, rot proof 45-50 gsm glass fiber mat/160 gsm non woven polyester mat. This provides additional puncture resistance, tensile strength and tear resistance

Advantages

- ◆ Cold applied, self-adhesive and easy to apply.
- ◆ High tensile strength, tear and puncture resistance
- ◆ Capable of withstanding thermal movements
- ◆ Does not undergo early aging and hence is a highly durable membrane if laid properly as per specification
- ◆ No flame hazard and environment friendly
- ◆ Fast application
- ◆ High elongation & flexibility
- ◆ Good adhesion to primed concrete substrates.

Application Areas

It is used as waterproofing or damp proofing membrane intended for concrete protection. It may be used for horizontal and vertical application for tanking below ground structures, subways and retaining walls.

Reinforcement

160 gsm Non- woven Polyester mat/45-50 gsm glass fiber mat

Application

The surface to receive MAK POLYPLAST SAM should be smooth, 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. The membrane, particularly at the overlaps, should be firmly pressed down to ensure a good seal by using a small roller.

LAP JOINTS

MAK POLYPLAST SAM overlaps are simply pressed together to give a permanent watertight seal.

Technical Characteristics

S.No.	Property	MakPolyplast SAM (Polyester)	MakPolyplast SAM (Polyester)
1.	Softening point, °C	115	115
2.	Reinforcement	45-50 gm/m ² glass fiber mat	150 gm/m ² non-woven polyester
3.	Tensile strength, N/5 cm Longitudinal Transverse	350 300	600 480
4.	Water absorption, % Wt. (672 hrs, @ 23 OC)	<0.2	<0.2
5.	Low temp. flexibility (cold bend @ - 5 OC)	No cracking	No cracking
6.	Thickness	1-2 mm	1-2 mm

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.

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