

MAK POLYPLAST REGULAR



Description

Mak Polyplast Regular is a polymeric waterproofing membrane consisting of five layers. The Centre core consists of 20 micron High Molecular High Density Polyethylene Film. The Polyethylene Film is the reinforcement barrier against water and moisture. The Centre Core is provided on both sides with APP polymer modified bitumen with properties of high Softening point, Heat resistance and high Penetration making it ideal for waterproofing purposes. The polymer modified bitumen is protected on both sides with thermo-fusible High Molecular High Density Polyethylene Film. The polymeric membrane has elongation exceeding 300% to absorb all Structural movements. It has a very high tensile strength and cold resistivity to adapt to all contours.

Features

- ◆ UV Resistant
- ◆ Increase flexibility at low temperature
- ◆ Excellent weathering
- ◆ Fire resistant

Areas of Application

- ◆ Airport aprons & Ramp areas
- ◆ Bridges & Tunnels
- ◆ Inverted roofs & Parapets
- ◆ Terrace, Balconies & Patios
- ◆ Concrete Foundation & Footings
- ◆ Basement & Pile Heads
- ◆ Swimming Pools
- ◆ Water retaining bodies and tanks.

Application Procedure

- ◆ The surface has to be cleaned to have a smooth surface.
- ◆ Apply a coat of Mak Primer @ 0.3 lit/sqm
- ◆ A Coat of Makphalt Bitumen 85/25 or 90/15 is coated on the surface @ 1.2kg/sqm or Mak Bond for cold application.
- ◆ Mak Polyplast Regular is unrolled over the coated surface and bonded completely on the substrate with overlaps of 10 cm. The overlaps are sealed with flame or Blown Bitumen.
- ◆ Mak Polyplast Regular is to be topped with a second layer of Makphalt Bitumen @ 1.2Kg/Sqm and finished with Mak Silver Paint. If necessary, it can be topped with tiles or cement mortar.

Health and Safety

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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.

Range and Supply

GRADES	1904	2104	2504
WEIGHT	1.25 kg/sqm	1.5 kg/sqm	2.25 kg/sqm
THICKNESS	0.8 mm	1.0 mm	1.5 mm
LENGTH	20 M	20 M	20 M
WIDTH	1.0 M	1.0 M	1.0 M

Technical Characteristics

CHARACTERISTICS OF POLYMER MODIFIED BITUMEN	MAK POLYPLAST REGULAR
Softening Point	> 150°C
Penetration	25 mm +
CHARACTERISTICS OF MEMBRANE	MAK POLYPLAST REGULAR
Thickness of Polyethylene Core	0.020 mm
Cold resistivity -15°C	Does not break
Heat Resistance	Does not drip at 120°C
Tensile Strength a) Length wise b) Cross wise	150 N/5cm 140 N/5cm
Elongation a) Length wise b) Cross wise	300 % 300 %

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