

MAK ELASTOCRYL EMB

Acrylic based bituminous elastomeric waterproofing membrane



Description

Mak Elastocryl EMB is high performance water-proofer liquid that dries to form a tough and flexible impermeable coating. It is a blend of tropical grade bitumen emulsion with modification using pure acrylic polymer.

Features

- ◆ Excellent crack bridging capacity
- ◆ Highly flexible
- ◆ Excellent bonding to substrate such as concrete, masonry, wood, metal, plastic, etc.
- ◆ Very good bonding to damp surfaces
- ◆ Provides a key to plaster on difficult surfaces
- ◆ Easy to use

Application Procedure

1. The surface to be coated should be free from all loose particles, dust, oil and laitance.
2. All visible cracks should be opened in 'V' groove and filled with Mak Plast Caulking compound, a single component bituminous crack sealing compound.
3. Primer coat is applied by diluting Mak Elastocryl EMB with water in the ratio 1:1.
4. Mak Elastocryl EMB is applied in min. 2-coat application. 10-15% dilution with water is recommended to make the material brushable.
5. Minimum 6 hours gap should be given between coats for drying.
6. Reinforcement of Non-woven fabric of 40-50gsm or glass fiber mesh may be provided for improved stability and tensile strength.

Primary Applications

- ◆ As an impervious waterproofing membrane
- ◆ Useful on concrete and brick foundations, retaining walls and bridge abutments
- ◆ For protection of Interior and exterior walls
- ◆ Can be used as adhesive to bond wood blocks, expanded polystyrene and cork tiles to any surface
- ◆ Could be used as a primer/ bond coat on bituminous substrates

Primary Applications

- ◆ As an impervious waterproofing membrane
- ◆ Useful on concrete and brick foundations, retaining walls and bridge abutments
- ◆ For protection of Interior and exterior walls
- ◆ Can be used as adhesive to bond wood blocks, expanded polystyrene and cork tiles to any surface
- ◆ Could be used as a primer/ bond coat on bituminous substrates

Coverage

Mak Elastocryl EMB will cover approx. 1.5 - 2 sqm./Kg in 2 Coats, depending upon the porosity of the surface to form a layer of 700 microns.

Technical Specifications

Characteristic	Values
Specific gravity	0.98 +/- 0.05
Appearance	Dark grey thixotropic liquid turns to black film
Service temp. range	-10° - +60° C
Approximate drying time	6-8 hours per coat
Elongation	~500%
Tensile strength	2.1-4MPa depending upon reinforcement provided
UV Resistance	No
Storage stability	12 months if unopened

Storage

Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Limitation

Mak Elastocryl EMB is a non U/V resistant product and should not be left exposed to direct sunlight for long period of time.

M.K. PETRO PRODUCTS INDIA PVT. LTD

[AN ISO 9001 Certified Company]

Village Mujeri Road, Ballabhgarh, Faridabad

Ph: +91-9560096816

Toll-free: 1800-103-9664

Website: www.makphalt.com

Email: info@makphalt.com

