ELASTOCOAT FR

SINGLE COMPONENT FIBER ENRICHED ACRYLIC POLYMER BASED DECORATIVE PAINT LIKE WATERPROOFING

Description

ELASTOCOAT FR is a single component fiber enriched Ready to Use Acrylic Polymer based decorative highly flexible waterproofing white Viscous Liquid properties. It is specifically designed for water penetrating cum Film.

Uses

The Product is used for:

- Interior vertical Wall Surface
- Exterior vertical Wall Surface
- Ceilings
- Toilets
- Balcony
- Terraces
- Wash Basins etc.

Advantages

- Excellent waterproof property
- Penetrates inside the pores of masonry surface
- Provides long lasting protection for efflorescence
- Provides protection from dampness in walls & ceilings
- Ready to use single component product
- Anti-fungi, anti-algae, no dirt pick-up
- Tintable
- Easily applicable by brush / roller over concrete, plastered surface
- Excellent adhesion to Cementitious substrate
- Water based & Non-toxic in nature.

Technical data

Appearance	: Milky white viscous liquid
pH	: > 8
Density	:1.25 ± 0.02
Dry Material Content	: 65 ± 5%
Tensile Strength	: Approx 2 Mpa
Elongation	: >200%
Concrete Adhesion Strength	: 1.5 Mpa
Shore a Hardness	: 50
Drying Time	: 6 – 8 hours
Dry Film Thickness	: 500 – 600 microns

*Properties are of typical mix, and may vary depending upon mix constituents.

Safety Precautions

- Surface Preparation: Surface under treatment should be firm and strong, clean and free from oil or any loosely held plaster / powder. For weak and crumbling surface, re-plastering is recommended. Masonry surface should be fully cured prior to application.
- On existing efflorescence surface, clean with by wire brushing followed by thorough water washing.
- Surface cracks (< 2mm) and large pores or dents must be filled with Crack Seal. Bigger cracks, damaged portions and hollow areas must be repaired with polymer modified cement mortars.
- Wash the surface thoroughly using water and a strong brush. Remove all loosely bound sand particles, instant lime, POP, black spots, fungus, moss on moisture captured walls and any poorly adhering painted surface.
- Identification of live leakages - Rising dampness and live leakages on account interior or exterior plumbing issues, nanniet raps, rain drains, sanitary drains etc. Identify internal live leakage with the help of thermal imaging and take appropriate preparation steps for plumbing repair, cracks in windows or exterior walls, drains etc.
- Surface should be in SSD condition prior to the application of our Product.

Mixing

Ready to use the Single Component Product by Spray or Brush. For Prime Coat apply Cemcoat Primer.

Application

Apply 1st coat of ELASTOCOAT FR without dilution with spray/ brush without leaving any gaps and ensuring that the material goes inside the pores of the concrete, plaster/ bricks.

After complete drying (minimum 6 – 8 hours) of the 1st coat apply the 2nd coat of ELASTOCOAT FR in perpendicular direction of the 1st coat in similar manner.

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Standards

It complies with Negative Hydrostatic Pressure ASTM D 7088.

Coverage

Consumption depends on application and the profile of the substrate. On fair-faced concrete, 1 mm thick polymer modified ELASTOCOAT FR Product shall require 0.8 to 0.9 Kg of Product per m^2

Curing

This Product may have no Curing Required.

Packaging

ELASTOCOAT FR Product is supplied in 1kg, 5kg, 10 kg. & 20kg

Storage & Shelf life

ELASTOCOAT FR Product should be stored above freezing temperatures. Store under cover, out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air-conditioned environment.

Shelf Life: ELASTOCOAT FR Product has a minimum shelf life of 24 months. Depending on storage conditions, the shelf life may be greater than stated. Please contact our local representative regarding suitability for use and dosage recommendations if the shelf life of ELASTOCOAT FR Product has been exceeded.

Safety Precautions

ELASTOCOAT FR Product does not fall into the hazard classifications. Used Safety Hand Gloves during Application. However, it should not be swallowed or allowed to come into contact with the skin and eyes.

Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with the eyes it shall be rinsed immediately with plenty of water and medical advice sought immediately. If swallowed, medical attention shall be sought immediately - Vomiting should not be induced.

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Note:
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