

### SINGLE COMPONENT ACRYLIC POLYMER BASED PAINT LIKE WATERPROOFING EFFLORESCENCE PRODUCT

#### Description

ELASTOCOAT is a Single Component Ready to Use Acrylic Polymer based White Viscous liquid. It is specifically designed for water penetrating cum Film forming solution for Waterproofing, dampness and efflorescence problems to Interior and Exterior wall building, Terrace, Toilets, Balcony. It forms a breathable, but water tight film, which does not allow to transport of water and salts to the surface.

#### Uses

The Product is used for:

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

#### Advantages

- Excellent waterproof property
- Penetrates inside the pores of masonry surface
- Forms a salt and water impermeable film
- Provides long lasting protection for efflorescence
- Provides protection from dampness in walls & ceilings
- Ready to use single component product
- Easily applicable by spraying / brush / roller over concrete, brick or plastered surface
- Excellent adhesion to Cementitious substrate
- Water based & Non-toxic in nature.

#### Technical Data

|                            |                              |
|----------------------------|------------------------------|
| Appearance                 | : Milky white viscous liquid |
| pH                         | : > 8                        |
| Density                    | : 1.10 ± 0.02                |
| Dry Material Content       | : 55 ± 5%                    |
| Tensile Strength           | : 2.0 mpa                    |
| Elongation                 | : 700 ± 50%                  |
| Concrete Adhesion Strength | : 1.5 mpa                    |
| Shore a Hardness           | : 50                         |
| Drying Time                | : 6 - 8 hours                |
| Dry Film Thickness         | : 400 - 450 microns          |

#### Direction for Use

- 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 wire brushing followed by thorough water washing.
- Surface cracks (< 3mm) 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, nannietraps, 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 dilute the Product as per 50:50 ratios.

#### Application

Used Prime Coat dilute the ELASTOCOAT Product as 50:50 ratios.

Apply 1st coat of ELASTOCOAT 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 in perpendicular direction of the 1st coat in similar manner.

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

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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 Product shall require 0.350 - 0.400 Kg of Product per m<sup>2</sup>.

#### Curing

This Product may have no Curing Required.

#### Packaging

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

#### Warranty

ELASTOCOAT Product is 7 years waterproofing warranty on Dampness and Efflorescence on plaster surfaces.

#### Storage and Shelf life

ELASTOCOAT 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 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 Product has been exceeded.

#### Safety Precautions

ELASTOCOAT 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.

#### Note

All Technical Data Sheets are updated on regular basis; it is the user's responsibility, to obtain the most recent issue. Field services where provided, does not constitute supervisory responsibility, for additional information contact our local FIRSTCHOICE SPECIALITY CHEMICALS PRIVATE LIMITED representative.

#### Disclaimer

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.