

MRO 4021 – RAINSHADE Coating

PRODUCT DESCRIPTION

'MRO 4021 – RAINSHADE' is a water-based, high-build, 100% acrylic waterproof & protective coating.

BENEFITS

- Ready to use -no dilution is required hence ensures desired film thickness built-up without affecting the performance.
- Ease of application – User friendly, easily applicable by brush, roller or spray
- Microbial resistance – Resistance to fungus and algae hence maintains the aesthetic value. UV resistant
- Dirt pick up – Very low dirt pick up & can be cleaned easily hence maintains the aesthetics.
- Breathability - permeable to water vapour.
- Toxicity - it is non-toxic.
- Abrasion resistant–No additional protective coating is required for roof subjected to foot traffic.
- Light weight – does not add extra weight over the roof



APPLICATION AREAS

All types of exterior masonry surfaces , concrete, cement sand renderings.....

- Asbestos sheets
- Rain lashing walls, concrete sun / rain breaker
- Vertical & Overhead surfaces above-grade
- Flashings and Covings
- Sealing joints, laps and roofing screw on corrugated roofs
- Parapet Walls

DIRECTIONS FOR USE

SURFACE PREPARATION

- All new cement-sand renderings /concrete surfaces should be allowed to age 6 to 8 weeks before surface coating.
- Surfaces should be clean and sound and free of all bond-inhibiting contaminants.
- Concrete substrates should be fully cured.
- Repair any holes, spalled and damaged concrete with appropriate repair solutions with repair materials. Allow appropriate cure time prior to coating.
- Remove any protruding concrete accessories and smooth out any surface irregularities.
- High-pressure power wash surface (or abrasive blast on hard, dense surfaces) to create a profile of SP 3, ICRI. Finally vacuum cleaning of all loose solids and liquids can be done, if required
- Some stains may require chemical removal. Neutralize any cleaning compounds used and rinse with clean water.
- Check adhesion of old coatings according to ASTM D 3359, Measuring Adhesion by tape
- Remove any blisters or delaminated areas and sand edges to smooth rough areas and provide transition to old paint areas.

MIXING

- Prior to use, mix 'MRO 4021 – Rainshade' at slow speed with drill and mixing paddle to ensure uniform colour and aggregate disbursement and to minimize air entrapment.
- In multi-pail applications, mix the contents of each new pail into the partially used previous pail to ensure color consistency and smooth transitions from pail to pail.

APPLICATION

- Apply two neat coats of 'MRO 4021 – Rainshade' without dilution by brush or roller at a time interval of 5-6 hours.
- Allow the coated surface to air cure fully for 7 days.

AVAILABLE PACKAGING

20 Kg Container

MRO 4021 – RAINSHADE

Coating

Technical Properties

PARAMETER	VALUE
Colour	Available in White & other shades
Specific Gravity ASTM D 1475-98	1.15
Viscosity ASTM D 1475-98	15 Secs
Nature	Single Component
Ph Value ASTM D 1293	6.5
Functional Cure ASTM D 1640	24 hrs
Coverage FT/DFT/Thickness/No of Coats	60 Sq.m/20 kg/110 mic/2 coats
Cured Hardness ASTM D 2240	70 Shore D
Tensile Strength ASTM D 412	5.8 N/mm ²
Flexural Strength ASTM D 790	12 N/mm ²
Compressive Strength ASTM D 695	39 N/mm ²
Chemical Resistance ASTM C 267	Resists mild Acids & Alkalis
Algae & Fungal Resistance	No Growth
UV Resistance	Good

SHELF LIFE & STORAGE

'MRO 4021 - Rainshade' has a shelf life of 18 months if kept in a dry store. In high humidity locations, the shelf life will reduce.

HANDLING

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding PPE, safe use, and physical & health hazards. Safety data sheet is available from MRO INFR A or your local MRO INFR A Channel Partner.

DISPOSAL

All used and unused product should be disposed of in accordance with state regulations.

LIMITED WARRANTY

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended MRO INFR A product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty.