

# MARKPROOF COOLCOAT

SINGLE PACK, READY TO USE, INSULATION CUM WATERPROOFING COATING



## DESCRIPTION

MARKPROOF COOLCOAT is a high build flexible, elastomeric aqueous based waterproofing coating, Containing special polymer and fillers. MARKPROOF COOLCOAT provides extremely long lasting protective coating that creates a thermal barrier which stands severe temperature and changes and provides long lasting protection against wind and rain. It protects concrete against attack from atmospheric carbon dioxide, airborne, chlorides, acid, rain, weathering etc. MARKPROOF COOLCOAT is a ready to use, ensuring waterproofing. It also provides extremely tough decorative waterproof coating, which allows breathing the surface.

## FEATURES / ADVANTAGES

- Available in white colours.
- Can be applied on vertical & horizontal surfaces.
- Gives best insulation properties.
- Can be applied easily and cost effective.
- Excellent water tightness. High UV resistance.
- Thermal barrier that can enhance building climatic conditions.
- Temperature reduction from 10% to 20%, protect against wind and rain.
- Nontoxic. Chloride free.
- Covers shrinkage and hairline cracks, acting as an anti-fracture membrane.
- Excellent water tightness.
- Thermal barrier that can enhance building climatic conditions.
- Excellent protection for concrete, against carbonation and chlorides.
- Resists hydrostatic pressure from ground water when used for underground applications.

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## USES

- For concrete, asbestos sheet, Waterproof and roofing materials.
- For waterproofing and protection in all types of foundations, toilets, sunken slab, sub-soil structure, septic tank, and basement.

## TYPICAL APPLICATION

### Surface Preparation

The surface to be coated must be sound, clean, and free of all traces of paint, dust, grease, efflorescence, loose particles, gypsum plaster and curing or moulds release compounds. Any damage or concrete defect should be repaired in advance. Cracks opened to approximately 2 cm in depth. Superficial steel bars cleaned and exposed all around. Similarly patch all holes, voids and honeycombs. These repairs can be done using any crack fill compound. Thoroughly wash down and saturate surface with water, but leave no free standing water.

### Application

The prepared surface should be thoroughly wetted with water for absorption and excess water should be removed. MARKPROOF COOLCOAT should be applied in 2/3 uniform coats. Mixed MARKPROOF COOLCOAT will remain for 20 minutes. 2 to 3 coats are recommended for perfect waterproof.

## TYPICAL CHARACTERISTICS

Properties	Result
Color	White
Form	One Component
Insulation	Two coats of MARKPROOF COOLCOAT will ensure 10°C to 12°C less temperature.
Coverage	4-5m <sup>2</sup> /kg/Two coats (200 microns WFT) (Note - Coverage rate will vary with substrate condition and profile)
Over Coating Time	3 to 4 Hours

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Dry Time	30 Minutes
Application Temperature	3oC To 40oC

## SPECIFICATION COMPLIES

" ASTM C 836-84

## PACKING

5 Kg, 20 Kg Buckets. Drum packing also available on special orders.

## SHELF LIFE AND STORAGE

Shelf life of 12 months in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.

## HEALTH & SAFETY

MARKPROOF COOLCOAT should not come into contact with skin, eyes or be swallowed. Glasses, goggles and protective overalls should be worn during application. Refer Material Safety Data Sheet for further information.

## DISCLAIMER

The above information and details herein are based on the tests conducted & experience on application and usage. The user is advised to carry out the test and take trials to satisfy on the suitability of the products and meeting his requirement considering the prevailing conditions prior to apply/ using it on larger area. As the conditions under which the products are used or transported are beyond our control. We would not hold ourselves responsible on its consequential nonperformance.

### Sole Distributor for Nepal

#### **REDATA Pvt. Ltd.**

**Head Office:** Swoyambhu, Kathmandu, Nepal  
**Corporate office:** Chhetrapati, Kathmandu  
**Tel:** +977-1-4249371  
**E-mail:** info@redatagroup.com  
**Web:** www.redatagroup.com

### Manufacturer

#### **MR Mark Overseas**

**Registered Office:** Vijay Nagar, Near Namastay Chowk,  
GT Road, Karnal - 132001  
**(Haryana) India Mob:** +918860760000, 9215703333  
**Web:** www.markchemconstruction.com  
**E-mail:** info@markchemconstruction.com

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