



CRETESTONE
SOLUTIONS
CRETE

CRETOPROOF CEMCOAT

(Two Component Cementitious Waterproofing Coating)

Description

CRETOPROOF CEMCOAT is a two-component acrylic polymer modified waterproofing membrane which consists of powder and liquid acrylic Polymer. When mixed in the proper proportions, an easily brush able coating will produce. CRETOPROOF CEMCOAT can be applied by a stiff brush, or trowel to obtain the desired thickness. CRETOPROOF CEMCOAT powder grey consists of specially selected cements, graded hard wearing aggregates and additives supplied in powder and liquid component of blended acrylic copolymers. The polymer provides it with exceptional adhesion, toughness and durability.

Features / Benefits

- Provides a seamless, waterproof coating suitable for use in water tanks, reservoirs, swimming pools, roofs and to ensure water tightness.
- Effectively protects against concrete decay providing a long-lasting barrier to waterborne corrosive salts and atmospheric gases.
- Designed to reface and even out variations in concrete and masonry surfaces.
- Effectively seals concrete masonry walls and bridges the shrinkage cracks which are static.
- Provides a tough and durable coating which cannot be easily damaged or worn away.

Uses

- Applied directly to the damp concrete and masonry
- Non-toxic-ideal for potable water tanks
- Waterproof - Excellent for damp proofing basements
- Breathable allows transmission of water vapor from interior of building
- Minimum surface preparation needed, Low labor Costs
- Excellent adhesion, Bonds to porous and nonporous surfaces.
- Good resistance to Carbon dioxide and Chloride-ion diffusion.
- Excellent for concrete roof, leaking brick and masonry walls
- Easy to mixing and application by brush

Application Methodology

Surface Preparation

The surface to be coated must comply with the principles of building construction and should fulfill the structural requirements including properly designed sloped to avoid stagnation of water in case of roofs. Any crack spot holes expansion joints etc. should be firm, should be treated with proper treatment. Surface to be clean, free from fats, oil grease, dust or any other surface contaminations.

CRETOPROOF CEMCOAT is suitable for Concrete, screed, plasters and masonry. Make the surface at SSD condition before application.

CRETESTONE PRIVATE LIMITED



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**CRETOPROOF
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Mixing Instructions and Application

Mixing Ratio: -

Components Quantity

Powder 28 kg

Liquid 9 kg

It is recommended to add 4 Ltr of water in 9 Kg Liquid to dissolve the complete powder material. Then mixing is started with a slow speed drill (350-450 rpm). The powder component is added gradually to the liquid avoiding lump formation and mixed for 2-4 minutes. Then add remaining half volume of desired qty. For best results moisten the surface up to SSD before coating with CRETOPROOF CEMCOAT. Apply the mixed material using a short, stiff bristle brush preferably 100 to 150mm width like a paint brush. Trowel applications can be undertaken as necessary using the correct mixing ratio to obtain satisfactory consistency. CRETOPROOF CEMCOAT should preferably be applied in two coats to achieve 1mm thickness. The second coat of CRETOPROOF CEMCOAT shall be applied as soon as the first coat has reached touch dry state. It is recommended that for general resurfacing the total thickness of the applied material would be 1 to 2 mm. Areas subjected to moderate and heavy loads/hydrostatic pressure, minimum 2mm thickness coating is recommended with screed above. Allow the CRETOPROOF CEMCOAT to dry before covering with screed. Sprinkle coarse sand on wet surface of final coat for better adhesion of screed. Average drying time is 4 to 6 hours at normal temperatures (30°C) For spray application: please consult technical cell. CRETOPROOF CEMCOAT provides a Semi rigid protective waterproof coating and is shown to resist positive hydrostatic pressure up to 7-meter head.

Technical Data

Powder Component	Sand/cement
Liquid Component	Polymer dispersion
Color	Cement Grey
Toxicity	Non-toxic
Mixed density	1.95 to 2.05
Pot Life	Approx.30 Min @ 27°C & 60% Approx.45 Min @ 20°C & 60%
Time between recoat	6 to 8 hrs @ 30°C
Adhesion to concrete	Approx. 1 N/mm ²
Application temperature	Min: +5°C, Max: +42°C
Service temperature	Min: -10°C, Max: +45°C

Consumption

Consumption depends on the application area. The approximate coverage per pack at even consistency (1 mm thickness) is as follows for packing 37kgs- 19 m² /pack This is theoretical coverage allowances should be made for any possible wastage when estimating. Coverage will also depend on the surface profile.

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Packing

Available in 37 kg Composite Pack

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.

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.

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