



CRETESTONE
CRETE

CRETOPROOF MULTICRETE (Acrylic Polymer Modified Waterproofing Coating)

Description

It is acrylic emulsion based, used as a cement modifier when applied, provides good bond with masonry/ cement and thus improves the tensile and flexural strength properties of the mortar.

Features / Benefits

- Multipurpose liquid, easy to use
- Breathable, allows trapped vapor to escape
- Improves flexural strength
- Reduces cracking through increased mortar flexural strength
- Bonds strongly to concrete, masonry, plasters, cementitious surfaces
- Useful as waterproof coat
- Excellent impermeability & durability in cement mortar.
- Is not affected by UV light.

Uses

- Waterproofing of small roof terraces, Chajjas, parapets & balconies
- Sunken portions of toilets & bathrooms, masonry surfaces, kitchen, sewers, residential water tanks etc.
- Repair wall
- Durable and aesthetic exterior finish with cement paint

Application Methodology

Surface Preparation

Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles, laitance & dust. Degrease the surface by using suitable solvents. Clean the concrete surface to remove any contamination where breaking is not possible. Roughen the surface by light scrubbing or grit blasting. For priming of concrete substrate, the surface should be thoroughly saturated with potable water. Remove any excess of water prior to application.

For a water proofing coating, mix CRETOPROOF MULTICRETE and Cement in the ratio of 1:1.5-2 by weight. Mix for 2-3 mins to avoid air entrapment. Gradually add cement to CRETOPROOF MULTICRETE until a homogeneous brush able consistency is attained. Apply this mixture by brush in two coats (vertical and horizontal direction) in a time interval of 4-6 hours. Apply 1st coat and allow it to dry for approximately 5 hours. Apply 2nd coat and allow it to air cure for at least 3 days. Protect the coating with a mortar screed of 15-25mm thick from damage.

CRETESTONE PRIVATE LIMITED



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**CRETOPROOF
MULTICRETE**

Use As Repair Mortar Modifier

A suitable mix ratio for patching repair mortar is as follows:

Mix design – Cement 50 Kg: Washed sand 150 Kg, CRETOPROOF MULTICRETE 5 to 7.5 Kg and Water 10 ltr (sufficient water can be added to give the required consistency).

Mixing & Application

Use PAN Mixer to ensure through mixing of CRETOPROOF MULTICRETE mortar.

Use suitable sized drum with heavy duty electrical drill machine fitted with a spiral paddle mixer at a slow speed of 400-500 rpm.

Charge the mixer with required quantity of clean and dry sand (or coarse aggregates as needed), cement and mix for 1-2 mins, then add the recommended dosage of CRETOPROOF MULTICRETE dispensed in water which is prebatched. Mix for 2-3 mins to avoid air entrapment. Keep adding the water slowly till the required consistency is achieved.

Technical Data

Powder Component	Cement
Liquid Component	Acrylic polymer
Specific Gravity @ 27°C	1.025
pH @ 27°C	> 7
Solid content	28 - 29 %
Mixing Ratio	1 Part : 2 Part (max) (Liquid: Cement)
Pot Life @ 27°C & 60 % RH: @ 20°C & 60 % RH:	Approx.30 minutes Approx.60 minutes
Time between recoat: @ 30°C	6 to 8 hrs.
Full cure	14 days
Mixing time	2-3 minutes with mechanical mixer @ low speed

Coverage

1 ltr of CRETOPROOF MULTICRETE when mixed with 1.5 to 2 Kg cement will give coverage 2 Sqmtr for 2 coats

Note: Coverage-will depend on brand of cement and its subsequent mix. The consumption varies depending upon the porosity of substrate critically.

Packing

1, 5, 10, 20, 50 &100 ltr Pails

Health and Safety

Use of hand gloves is necessary while mixing the Product In case of contact with skin or eyes, use plenty of water to wash and obtain medical helps immediately.

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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 packing.

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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