



**CRETESTONE**

## CRETOPROOF LATEX

(Multipurpose Liquid Waterproofing Coatings)

### Description

CRETOPROOF LATEX is a single component product based on modified SBR latex, designed for use as a ready to use Bonding agent, Waterproofing coating and Cement modifier. It is also used as an admixture for obtaining waterproof concrete, plasters and mortars. Meets the requirements of ASTM C 190-1985 standard.

### Features / Benefits

- Multipurpose liquid, easy to use
- Prevents cracking by improving flexural strength
- Reduces drying and aging shrinkage cracks
- Bonds strongly to concrete, masonry, plasters, cementitious surfaces
- Useful as waterproof coat.
- Useful as a bonding agent between old and new concrete surfaces.
- Excellent impermeability & durability in cement mortar.

### Uses

- Concrete repairs – Spalled concrete of floors, columns, beams, Chajjas, slabs, parapets etc.
- Waterproofing – Small roof terraces, sunken portions of toilets & bathrooms, Chajjas & balconies
- Bond coat – bonding of masonry stone work & plastering
- Cladding – Fixing or re-fixing of slip bricks, tiles, stones & marble bedding
- External rendering – Weatherproof & frost-resistant render

### Application Methodology

#### Surface Preparation

Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles, laitance and dust. Degrease the surface by using suitable solvents.

Repair the spalled concrete portion by saw, cutting the extreme edges of the repair location to a depth of at least 10 mm to avoid feather edging and to provide strong bond.

Clean the concrete surface to remove any contamination where breaking is not possible. Roughen the surface by light scabbling 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.

#### Use as Water Proofing Coating

For a water proofing coating, mix CRETOPROOF LATEX and Cement in the ratio of 1:1.5 by weight. Mix for 2-3 mins to avoid air entrapment. Gradually add cement to CRETOPROOF LATEX until a homogeneous brush able consistency is

## CRETESTONE PRIVATE LIMITED



[www.thecrestone.com](http://www.thecrestone.com)



[info@thecrestone.com](mailto:info@thecrestone.com)



+91 8655093814/15

213, HariOm Plaza, Beside Omkareshwar Temple Opp. National Park Borivali East, Mumbai, Maharashtra 400066



**CRETESTONE**

attained. Apply this mixture by brush in two coats (vertical and horizontal direction) in a time interval of 4-6 hours. Provide the protective screed to the desired slope and thickness.

#### **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 LATEX: 6-7 Kg, Water 10 Ltr.

#### **Use as Bonding Primer**

For a bonding primer coat mix CRETOPROOF LATEX: CEMENT in the ratio of 1:2 by weight. Apply 1 continuous coat by brush of the mix on the prepared concrete surface. Apply repair mortar when the Primer is in tacky or wet on wet condition.

#### **Mixing and Application**

Use PAN mixer to ensure thorough mixing of CRETOPROOF LATEX 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.

#### **Technical Data**

<b>Appearance</b>	<b>Milky White, translucent free flowing liquid</b>
<b>Type</b>	<b>SBR Latex</b>
<b>pH @ 27°C</b>	<b>Min 7.5 to 8.5</b>
<b>Specific Gravity @ 27°C</b>	<b>1.01 ± 0.01 Kg/Liter</b>

#### **Coverage**

1 ltr CRETOPROOF LATEX when mixed with 1.5 - 2 kg cement will cover approx.2 sq.m area, in 2 coats

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

#### **Packing**

1, 5, 10, 20 & 50 ltr Pack

#### **Storage & Shelf Life**

Store in cool dry place 24 months from date of manufacturing.

#### **Health & Safety**

Adopt health & safety regulations in accordance with local laws. Care should be taken when handling CRETOPROOF LATEX as it may cause irritation due to its Cementitious nature (please refer to Material Safety Data Sheet for specifics). As typical on most job sites, applicators should wear protective clothing and gloves. Safety shoes and helmets must be worn by staff at all-times. Creststone recommends the enforcement of stringent health and safety measures on all job sites.

## **CRETESTONE PRIVATE LIMITED**



[www.thecreststone.com](http://www.thecreststone.com)



[info@thecreststone.com](mailto:info@thecreststone.com)



+91 8655093814/15

213, HariOm Plaza, Beside Omkareshwar Temple Opp. National Park Borivali East, Mumbai, Maharashtra 400066



**CRETESTONE**

### **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.

**CRETESTONE PRIVATE LIMITED**



[www.thecrestone.com](http://www.thecrestone.com)



[info@thecrestone.com](mailto:info@thecrestone.com)



+91 8655093814/15

213, HariOm Plaza, Beside Omkareshwar Temple Opp. National Park Borivali East, Mumbai, Maharashtra 400066