



CRETESTONE

CRETOPROOF SETGUARD

(Rigid Cementitious Coating)

Description

Cretoproof Setguard is a rigid hardening, cement based waterproofing material. Cretoproof Setguard is made of quartz sand, Portland cement and additives. It does not contain any materials, which may cause any negative effects on rein for cement or concrete. Cretoproof Setguard hardens to a rigid impervious layer. It is a good product for coatings and overlays. It is an impressive barrier against negative side water pressure. It is a rigid coating with amazing bonding to cementitious and masonry substrates.

Features / Benefits

- Economic, 1-component, cementitious waterproofing coating
- Applied above or below grade
- Resists strong hydrostatic pressure
- Applied to positive or negative water pressure side
- Easy to use - needs only to be mixed with water prior to application
- Not a vapor barrier - lets concrete "breathe"

Uses

Waterproofing on concrete, masonry and plaster, for interior and exterior use, in the following areas of application:

- Civil engineering: Earth covered constructions, sewage works, water tanks, swimming pools, heating pipes, pits etc.
- Building construction: Cellars, potable water tanks.
- Water construction: Storage Lake walls, pools, tunnels, sluices.
- Older building: Not protected against posterior.
- Waterproofing against rising dampness in walls.
- Constructions: Moisture and soaking water.

Application Procedure

Cleaning the surface and making it free from loose particles, dust and paint/putty if any. If the plaster on walls is not stable then the same should be removed till the masonry level. If the area is showing lime [Shora] traces or deposits the same should be washed away thoroughly.

Pre wet the area to be treated and apply a slurry coat [1Kg Setguard: 0.3 ltr Water] of CRETOPROOF SETGUARD, using a stiff brush. Once the 1st coat is dry apply another slurry coat [1Kg Setguard: 0.2 ltr Water] of CRETOPROOF SETGUARD, using a stiff brush.

If the area is heavily damaged then 3 coats are recommended but in general conditions 2 coats should suffice. [Please refer with a CRETESTONE representative for exact condition assessment]

CRETESTONE PRIVATE LIMITED



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Technical Data :

Color	Grey
Mixing ratio by weight	100: 22
Mixing ratio by volume	100: 34
Density	1.6 kg/l
Substrate temperature	5 – 35°C (40-95°F)
Water impermeability acc.-EN 12390-8	
- Positive side	5.0 bar (72.5 psi)
- Negative side	1.5 bar (14.5 psi)
Compressive / flexural strength	
4 hours	7 / 2 MPa (1015/290 psi)
24 hours	15 / 4 MPa (2176/580 psi)
7 days	21 / 4.3 MPa (3045/624 psi)
28 days	30 / 5 MPa (4351/725 psi)
Capillary water absorption	0.1 kg/m ² x h ^{0,5}
Adhesive strength	1.0 MPa (232 psi)

Properties

- Minimal shrinkage/expansion under dry resp. wet curing conditions
- Hydrophobic
- 45 min. working time and 15 MPa compressive strength after 24 hours
- Final strength of 30 MPa (4351 psi) after 28 days
- Ready for water pressure after 3 days
- Good adhesion to concrete and masonry
- Water curing may be required for first 24hours at high temperatures
- No cracking if applied too thick
- Good resistance against aggressive media with a pH range of 3-12
- Good Efflorescence resistance
- Good sulphate resistance

Packing

CRETOPROOF SETGUARD is supplied in 1 & 25 kgs

Safety Process

- Protect skin and eyes
- Please keep out of children's reach
- In case of eye or skin irritation wash thoroughly with clean cool water
- Wear safety gloves
- In case of eye contact seek immediate medical treatment

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.

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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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