

# CEMCRETE

Acrylic Co-polymer

## DESCRIPTION

CEMSEAL CEMCRETE is composed of acrylic co-polymer & additive. It is used as a bonding agent for new to old substrates as it provides strong bonds to old - new concrete. Moreover, it is used for acrylic based waterproofing solution as well for higher flexibility & UV resistance.

Improves tensile flexural strength of concrete and increases the durability of the structure.

When mixed with cement, It forms matrix and provides excellent waterproof coating. CEMSEAL CEMCRETE provides better flexibility compared to other latex based solutions.

It conforms to BS 6319 part 2:1983, BS 6319 part 4:1984 & BS 7542:1992.

## AREA OF APPLICATION

- Concrete repair** : Spalled concrete floor, columns, beams, chajja, slab & parapet etc.
- Bond coat** : Old to new concrete, masonry, stonework plaster, fixing or re-fixing slip bricks, tiles, marbles & bedding
- Priming** : Reinforcement steel
- Additive** : Additives for renders & mortars
- Coating** : As an flexibiliser to cement

## FEATURES & BENEFITS

- Chloride content** : Chloride Free
- User Friendly** : Single component ready to use, simply brushed onto concrete as a primer
- Bonding** : Provides excellent bond to concrete, masonry, plywood, gypsum & plaster
- Strength** : Improves tensile, flexural and compressive strength as compared to control concrete hence increases the durability of structures
- Compatibility** : Compatible with all common cements hence it is versatile
- Dust generation** : Excellent as a dust proof sealer
- Waterproofing** : Improves waterproofing properties of cement & cementitious compositions.
- Flexibility** : Improves flexural strength of cement & cementitious composition

## METHOD OF APPLICATION

### SURFACE PREPARATION

- Clean the surface and remove any dust, unsound or contaminated material, loose plaster, oil, paint, grease, corrosion deposits or algae. Where breaking out is not required, roughen the surface and remove any laitance by light scabbling or grit blasting.



- Expose fully the corroded steel in the repair area and remove all loose scale and corrosion deposits. Steel should be cleaned to bright condition particularly the hidden portions of the exposed steel bars.
- The surface should be thoroughly soaked With clean water prior to application of CEMCRETE

## APPLICATION

- Apply one coat of CEMCRETE cement slurry (1:1 by volume) to all exposed area and allow it to dry. A second coat application is also recommended. Allow it to dry.
- Apply CEMCRETE with brush or rollers on the substrate and avoid ponding and remove any excess material. The repair or topping application should be carried out whilst the primer is still tacky.

## SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately.

If accidentally ingested, seek immediate medical attention. Reseal containers after use.

## TECHNICAL INFORMATION & SERVICES

Further information and advice including practical demonstration are freely available from the technical service department of Cemseal Industries Ltd.

## NOTE

- Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Cemseal representative.
- Cemseal reserves the right to have the true cause of any difficulty determined by accepted test methods.

### Address

**Plant 1** : C-1/B-96-97 G.I.D.C Industrial Estate, Kalol, Panchamahar, Gujarat - 389330

**Plant 2** : Plot no 30, Marble Market Sejbahar, Rajpur, Chhattisgarh - 492015

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