

# WeatherTuff®

Construction Chemicals Solutions

ISO 9001 : 2015

## CONCRETE BOND

FOR RCC CONCRETE REPAIRING BONDING AGENT

### CONCRETE BOND

CONCRETE BOND is an acrylic based polymer for structural repairs of concrete/mortar and waterproofing system.

### Advantages

- Gives complete adhesion with old-new structures of concrete & mortar.
- Flexural & tensile strength increased with anti corrosion property.
- Reduces water-cement ratio, which results in to a impermeable concrete.

### Application Method

The area to be coated must be clean and free from oil, grease & other contaminates. Remove loose materials by scraping, chipping, mechanical abrasion or any other suitable method. Clean surface with water.

**Bond Coat:** Take 1 part CONCRETE BOND by wt. & 1 part cement. Mix it in one vessel & apply by brush on cleaned, pre wetted surface. Allow it to dry for 1-2 hrs.

**A. Modified Mortar:** Take 50 kg cement bag, 125 kg medium sand, 7.5 kg CONCRETE BOND & water 8 to 10 liter as required. Apply this material over tacky bond coat.

**B. Waterproofing Slurry:** Take 1 part CONCRETE BOND by wt. & 2 part fresh cement with continuous mixing. Add powder in to liquid part **never add liquid in to the cement**. Apply this slurry on the cleaned, prevented surface in 2 coats at the interval of at least 3-4 hrs between each coat.

**C. Injection grouting:** Make "hole" in the cracks & fix up the nozzle at the interval of 0.5 mm to 2 meter along the groove. Take 1 part CONCRETE BOND + 5 part cement & add water to become injection as per regular practice

### Available Size

5kgs, 20kgs & 50 kgs.

**Acrylic modifier for Cement & R.C.C structure**

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## Users

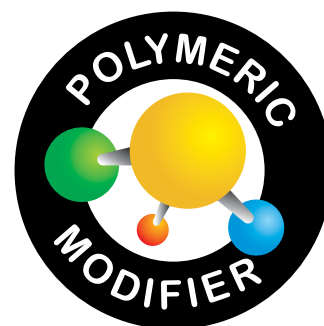
- This polymer modified system is effectively useful.
- Give additional strength to damaged R.C.C structure.
- Repairs of concrete structures. Brick-masonry and mortar works.
- Waterproofing treatment of water tank, swimming pools etc.
- Roof slab, parapets, terraces, basement & retaining walls.
- Against corrosion & salt attack.
- Injection grouting.

## Curing

After 24 hours of final coat, Sprinkle the water or cover wet cloth for next 3 days. Continuous wet curing or podding is not required.

## Technical Specification

Colour	: White
Ph	: Modified Inorganic Compound
Sp. Gravity	: 1.02
Solid Content	: 40±0.5%
Shelf Life	: Six month in sealed container



## Manufactured & Marketed by CHITRA INSULTEC PVT. LTD.

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