

**WEATHERTUFF<sup>®</sup>**

**TUFFCRETE-MAB**

**POLYMERIC MODIFIED  
ACRYLIC COATING  
FOR WATER PROOFING  
& REPAIRING OF STRUCTURE**

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## TUFFCRETE-MAB

### POLYMERIC MODIFIED ACRYLIC COATING FOR WATER PROOFING & REPAIRING OF STRUCTURE

#### DESCRIPTION :

TUFFCRETE- MAB is an acrylic based polymer for structural repairs of concrete/mortar and waterproofing system.

#### USERS :

This polymer modified system is effectively useful for,

- 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.

#### 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 concret.

#### PROPERTIES :

Colour	: Milky white liquid
pH	: 8-9
sp.Gravity	: 1.01
solid content	: 32 ± 0.5%
Shelf life	: One year in sealed container
Packing	: Available in 1 kg, 5kgs & 20kg pack.

#### DIRECTIONS FOR USE:

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.

1. **Bond Coat** : Take 1 part TUFFCRETE-MAB 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.
2. **Modified Mortar** : Take 50 kg cement bag, 125 kg medium sand, 7.5 kg TUFFCRETE-MAB & water 8 to 10 kg as required. Apply this material over tacky bond coat.
3. **Waterproofing Slurry** : Take 1 part TUFFCRETE-MAB 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, pre wetted surface in 2 coats at the interval of at least 3 4 hrs between each coat.
4. **Injection grouting** : Make "V" groove in the cracks & fix up the nozzle at the interval of 0.5 to 2 m.m. along the groove. Take 1 part TUFFCRETE-MAB + 5 part cement & add water to become injectable slurry for injection as per regular practice.

#### CURING :

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

Manufactured By :

**CHITRA INSULTEC PVT. LTD.**

Ahmedabad - 380009. (Gujarat) INDIA



Marketed By :

**WEATHERTUFF MARKETING**

202, Sarthak Complex II, Nr. Swastik Char Rasta, Navrangpura, Ahmedabad - 380009, (Gujarat) INDIA

Ph. : 079-2656 2100, Telefax : 079-2656 4777, 3299 8226, Email : insultec@vsni.net, Website : www.weatherstuff.com

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