



ISO 9001:2000

# CORCRETE 412

## Ready To Use Polymer Modified Cementitious Protective Coating

- DESCRIPTION** : **CORCRETE 412** is a two pack polymer modified cementitious compound having excellent reinforcement corrosion prevention capability along with waterproofing property.
- USES** : Protection of reinforcement of isolated footings and columns located inside soil specially for areas where the soil is having agricultural chemicals, or harmful chlorides/sulphates, or in the case of fluctuating ground water table in contact with foundation.
- Protection of corroded reinforcement in existing structures.
- Can be used for protection of steel sheet roofing.
- FEATURES** :
- \* Factory controlled proportion when entire unit of two packs are mixed.
  - \* Recommended for use in underground structure and repair of damaged concrete.
  - \* Easy application with brush
  - \* Excellent adhesion with steel and concrete
  - \* Can be used for repair of damaged concrete
- APPLICATION DATA**
- Surface Preparation** : **Protection of Foundation and Sub Terranean Column:**  
Surface should be cleaned thoroughly either by mechanical or manual process (high pressure water jet and wire brush and high pressure water jet) so that the application surface is sound, free of dust, oil, grease and other contaminants.
- Repair of Damaged Concrete:**  
Remove all loose and unsound concrete. All exposed reinforcing steel should be sound, free from rust, dirt, oil and grease etc. High pressure water blasting or other mechanical method may be used for removal of rust, loose material.
- Mixing** : Mix the entire quantity of the two packs (for the 3kg unit). The mixing ratio for the larger packing will be 1:2::Liquid:Solid by weight. Use slow speed drill fitted with paddle mixer till a uniform mixture is obtained. **NO WATER IS TO BE ADDED.**
- APPLICATION** : Apply on water saturated surface having no standing water. Apply with brush to build up a thickness of 1mm. Do not use below 10°C temperature. Curing rate will be slower in cold and faster in hot weather. Do not use above 40°C ambient temperature for external application.

- COVERAGE** : 3 kg unit kit will cover 1.6 to 1.8 sq.m. at 1mm thickness
- PACKING** : Available in 3 kg, 15 kg & 30 kg kit
- STORAGE** : Keep it in dry place. Minimum shelf life of six month is expected in unopened condition.
- SAFETY** : Non inflammable and non toxic. In case of skin contact, wash thoroughly with soap & water.
- PRODUCT INFORMATION** : Although the basic formation of our products generally unchanged, production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties.

**TECHNICAL DATA:**

- **CICO** maintain a technical division with highly qualified Technical Personnel to investigate and advise on subjects related to concrete and The Construction Industry. The Division will advise on the correct use and selection of right products at the right place.
- **CICO** undertakes Consultancy Services for diagnosis and rehabilitation of distressed structures.
- **CICO** undertakes jobs as a package for total waterproofing system with Guarantee

---

## **CICO TECHNOLOGIES LIMITED**

**Tel.No: 91-11-4050 9400**

**Fax No: 91-11-4050 9413**

**E-Mail: [cicotech@cicogroup.com](mailto:cicotech@cicogroup.com)**

**Web Site: [www.cicogroup.com](http://www.cicogroup.com)**