



ISO 9001:2000

CICO SUPER

Normal Setting Liquid Integral Waterproofing Compound For
Concrete/Mortar

DESCRIPTION : **CICO SUPER** is a normal setting cement integral waterproofing compound with normal elasticized in liquid form. **CICO SUPER** is a blend of specialized active ingredients to make concrete waterproof when there is permeability through hydrostatic head pressure or capillary absorption. Confirms to IS: 2645-2003

USES : **CICO SUPER** is extensively used in RCC/Concrete intended for water tank, roof deck, basement, lift pit or in a situation where hydro-insulation is a must.

FEATURES

- * Permeability of concrete is greatly improved.
- * Segregation and bleeding are substantially reduced due to increased cohesion.
- * Is highly effective in reduction of permeability due to hydrostatic head pressure or capillary action or both.
- * Improved workability due to normal politicizing property
- * Improved surface finish of concrete.
- * Very high quality indigenous polymer blend.

APPLICATION Determine the quantity of **CICO SUPER** and water depending upon cement: sand ratio for mortars or water: cement ratio for concrete. Add measured quantity of **CICO SUPER** to mixing/gauging water and stir well for better dispersion. Then add this solution to the dry mix of cement and sand.

TECHNICAL DATA

Colour : Brown liquid

Specific Gravity at 27°C : 1.06 ± 0.02

Chloride Content : Nil

Shelf Life : 12 months if kept unopened.

Dosage : 100ml per 50 kg bag of cement.

PACKING : 100 ml, 1 Ltr, 5 Ltr, 20 Ltr, 50 Ltr and 200 Ltrs.

| TEST RESULTS (AS PER IS:2645-2003) | | | | |
|---|---|--------------------|---|---|
| S.No. | Test Parameter | Neat Mortar | Mortar+Compo und (Mix Ratio 100ml per 50 kg of cement) | IS : Requirement |
| 1. | Permeability to water, % of neat mortar | - | 39 | 50 Max |
| 2. | Setting time, minutes -Initial - Final | 75 180 | 85 185 | 30 Min. nor the reduction shall be more than 25% of Initial setting time of cement used. 600 Max. nor the increase. Shall be more than 25% of final setting time of cement used |
| 3. | Compressive Strength, Mpa -3 days - 7 days | 28.0 38.5 | 29.0 38.5 | 23 Min. nor less than 90% of neat mortar 33 Min. nor less than 90% of neat mortar |
| 4. | Water soluble chloride Content, (in compound), (as CI) % by wt. | 0.05 | | (Max 0.25%) Decleared by manufacturer. |
| Note:- | OPC-43 Grade Cement used for testing | | | |

HEALTH & SAFETY : Non-toxic, Non-flammable, Eco-friendly.

PRODUCT INFORMATION : Although the basic formulation of our products generally remains unchanged production refinements arising from continuing research and evaluation program may occasionally results in marginal changes in properties.

TECHNICAL SERVICE:

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

CICO TECHNOLOGIES LIMITED

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