



RAZON ENGINEERING COMPANY PRIVATE LIMITED

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AN ISO 9001-2008 COMPANY CONCRETE CURE COATING – 108 AC

Cementitious mortar, concrete needs to be cured for 15 – 21 days to remove heat of hydration for hydration and to make up moisture loss due to evaporation so that hydration reaction can proceed without interruption and full strength could be developed.

Due to scarcity of water or due to logistic on large sites it may not be possible to cure with water hence our Concrete Cure Coating – 108 AC may be used.

In arid climatic regions if the rate of evaporation is very high or for high storied buildings it may not be possible to cure external plaster or concrete, due to high winds and rapid moisture evaporation, Concrete Cure Coating – 108 AC used.

- (1) For Plaster, plaster mortar as usual, using our Master Plaster MPCS 101/ 102, allow ½ hour to 1 hour for setting to commence. Apply Concrete Cure Coating – 108 AC by brush over the entire plastered surface. Apply 2 coats ensuring complete surface is coated. If Concrete Cure Coating – 108 AC is being sprayed on the plastered surface it is not necessary to wait for ½ -1 hour before application. CCC 108 AC is acrylic base having non-fatty ingredients, hence the surface can receive good adhesion to paint / gypsum or any further treatment.
- (2) For RCC slabs, lay concrete as usual, preferably trowel the surface (or mechanically smoothen the surface). Concrete Cure Coating – 108 AC may be sprayed within 15 – 30 minutes or wait 30 – 40 minutes before brush application of Concrete Cure Coating – 108 AC. CCC 108 AC increases the impermeability of the surface of the RCC since capillary action in concrete is eliminated.
- (3) For Concrete beams & columns. Pour Concrete as usual. Coat the exposed area of the fresh concrete with CCC 108 AC. Immediately after de-shuttering, make the concrete wet with water, so that any moisture loss from concrete is replenished and coat entire exposed concrete surface with Concrete Cure Coating – 108 AC, here since sufficient surface strength is available Concrete Cure Coating – 108 AC may be sprayed or brushed. For overlaying on concrete surface treated with Concrete Cure Coating – 108 AC, Scrub the surface with wire brush and pour concrete as usual.

Concrete Cure Coating – 108 AC is used extensively for curing plaster and RCC in high rise buildings, canals, pavements, kerbs, slabs and sloping roofs, curing of maundaries, curing precast elements, curing of scaffolding-holes-patch etc.

It is imperative that few trials are taken on site before implementing use of Concrete Cure Coating – 108 AC to obtain guaranteed and best results.

Concrete Cure Coating – 108 AC is viscous white colored. Stir contents thoroughly before use.

Packing: Available in 50 kg packing.

| Grade of Concrete | Cement Consumption (kg /m ³) | W/C | Method of Curing | Average Cube strength | | |
|-------------------|--|------|---|----------------------------|-----------------------------|--------------|
| | | | | 7 day (N/mm ²) | 28 day (N/mm ²) | Avg increase |
| M -20 | 320 | 0.53 | Cube placed in water tank for curing | 13.55 | 23.38 | - |
| M-20 | 320 | 0.53 | CCC 108 AC applied on all faces of Cube | 14.66 | 24.54 | 6.5% |

| NO | PRODUCT - DATA | |
|----|------------------|--|
| 1 | Consistency | White, viscous emulsion. |
| 2 | Base Film former | Acrylics |
| 3 | Specific gravity | 1.1. |
| 4 | PH | >7.00. |
| 5 | Toxicity | Nil |
| 6 | Test Report | Available BS:7542-1992 |
| 7 | Diligent. | Clean Water. |
| 8 | Life | 6 months years if stored in cool dry place away from sunlight. |
| 9 | Coverage | 50-60 sq ft per kg at 20°C by spray |
| 10 | Packing | 50kgs carboys |

OTHER PRODUCTS

Coatings: Rubberised Instant Waterproof Coating • White Water Proofer • Polyurethane Coating - GHF 111 • Triple Layer Polyurethane Waterproof/ Thermal Coating • Primer Coat PU SG 104 • Top Coat PU ALK – 104 • Silver Coat PU 104 • Clear PU Lacquer (gloss) • Clear PU Lacquer (matt) • Coal Tar Epoxy CTE – 110 • Coal Tar Epoxy EP-10 • Epoxy Coating EC-111 • Primer Epoxy Coating PR 111 • Silver Coating SC 203 • Epoxy Floor Coating G-78 AND M-86 • Damp Proofer • Bitumenous Japan Paint 151 • Supreme Waterproof Cement Paint ARcem –101 • Premium Waterproof Cement Paint ARcem –119 • Royal Waterproof Cement Paint ARcem 1100 • Green Chromo Oxide Epoxy Primer •

Sealants : Crack Seal • Rubberised Sealer • Instaset 600 • Instaset 2000 • Instaset 2000S

Admixture: SPRMC 808 S11 B • Super Plasticizer –IWSP (M) – 101 • Super Plasticizer –IWSP (N) – 103 • Accelerator –2080 • Integral Water Proofer • IWSP –102 • I.W.P. Powder • Intrair (A.E.A) 120N • Master Plaster MP CS 101 • Block Maker BM-10 • Rapid Grout RG –117 • Tile Master TM – 1 • Anchorex 428 • Floor Hardner • Hycrete RJ – 608 • Brick Master • Super Paver • Pipe Master • Toughcrete P109 • Guniting Admixture GS-942 • Non Shrink Grout Admixture NSG A-11

Other Products : Tile Fix # 1 • Tile Fix # 1A • Tile Fix SP # 1 • Strextra NSG 110 • Strextra - NSG 2024 • Easy Grout • Water Repellent WBWR – 2023 • Water Repellent SBWR – 5000 • Shutter Coat for Wood & Metal • Concrete Cure Coating – 111 • Concrete Cure Coating – 103 • P.A. Bound • P.A. Mortar TH – 4 • PA. Mortar EF – 1 • P.A. Mortar Slurry • Marble Fix • Floor Repair Mortar • Insta Plugging Mortar • Pipe Joint Sealer • Tile Joint Sealer [Colour] – Red, White, Black, Brown, Ivory, Green, Grey, Pink. • Metal Protect • RZ – Polymer ED Mortar • Special Grouting System • Anti Hack Paint (XRG) • Tuffar • ADMGP – 1 • P A – Resin 651XXX • Hak Safe AL 111 • Paint Remover PR – 128 • COLGROUT Admixture CG – 101S • Rock Splitting Grout ATC-A201 • Ready Plaster • Best Plaster Putty



It is strongly recommended that site trials be conducted using site conditions and available raw materials to evaluate the product. Since site materials and conditions are beyond our control and since above suggestions and recommendations are based on our site trials and laboratory product evaluation & trials, and since methods of use at site are beyond our control. Hence, no guarantee can either be implied or enforceable