



**AN ISO 9001-2008 COMPANY**  
**SHUTTER COAT SC – 2004**

Cement has evolved as the highest consumption material in construction activities today, due to its repetitive consistent performance, economy as a binder and prolonged durability. Cement, to be put into its service is hydrated with water and cast into moulds, where the setting & hardening reaction progresses upto 28 days. The mould is recycled number of times to give shape to the concrete.

Cement technology has advanced, and the cements available now provide higher strength earlier, which means the setting reaction is faster. If such a cement mortar adheres to the mould; it is a costly affair to clean them by mechanical means which reduces the finishing characteristic and life of the mould.

Hence it is imperative to have a mould release agent, which can withstand highly adhesive cement forces and provide consistent performance.

SC 2004 is a unique synthetic oil formulation, which can be diluted with water upto 1:15, and provides the following advantages:-

- Low viscosity material, hence easy to handle.
- Long hydrophobic polymer length, which does not allow concrete to come in contact with the substrate
- Clean release of the concrete, without any concrete adhering to the mould plates
- UV resistant coating, which is unaffected by temperature fluctuations of 12<sup>0</sup> C– 45<sup>0</sup> C, and provides a clean release over the range of temperatures.
- Protects ply wood from degradation of fouling by algae / bacterial or UV rays
- High range mould oil, performance may be increased by adjusting the dilution. Hence the performance of product is unaffected by the wall thickness of the concrete mortar.
- Repetitive usage of SC 2004 augments previous coats, which improves the performance altogether.
- Imparts hydrophobic surface, which allows concrete to flow on the mould reducing the possibility of honeycombing
- Imparts non slippery surface
- Ergonomically prepared formulation, non toxic.
- The improved chemistry adds an irrefutable advantage to building contractors, where SC 2004 gets washed away from concrete surface during curing cycle. Hence higher adhesion between the plaster and concrete.

These advantages are a boon to the industry where:-

- RCC spun pipes are made
- Building contractors for their residential and commercial projects
- Infra- projects, where quick rotation of moulds are possible.
- Precast Elements manufacturers, where demoulding must keep pace with concrete / cement mortar manufacturing.
- Any other cement-mould application.

## Method of use

Stir contents in shutter-coat container. Mix water ratio 1:10 to 1:15.

First time users must clean the formwork if required. Apply with clean brush over the surface exposed to concrete. Allow some time for the water to evaporate and the micro-film to form. Pour concrete over the surface as usual.

Shutter Coat performs exceptionally on laminated ply, MS Formwork, Aluminium shuttering and modified plastic formwork.

**Packing:** 50, 200 Lt, carbuoys.

NO	PRODUCT DATA	
1	Colour	Dark Tan colour
2	Consistency	Free flowing
3	Specific Gravity	Approx 0.9
4	Dosage	Use is proportion of 1:10 – 1:15 with water.
5	Corrosion	Nil. Shutter Coat for metal provides metal passivation & increase sheet metal life tremendously.
6	Storage /Life	1 yrs if stored away from sunlight in cool dry place.
7	Toxicity	Nil
8	Coverage	150-160 sq ft for 1:10 proportion with water (diluted).
9	Packing	200 ltr carbuoys.

## 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 •

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 • 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