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AN ISO 9001-2008 COMPANY SHUTTER COAT SC -17000

Shuttering plywood's are generally found to work well for the initial 1-2 cycles. Thereafter it is observed that the concrete bonds to the metal or plywood and streaks of wood come off the plywood reducing its life considerably. Friction between shuttering ply surface & flowing concrete affect concrete filling leading to voids in concrete, honey combing and unsatisfactory surface finish.

Although the plywood is termite resistant, due to contact with moisture repeatedly, the termite resistance solution dissolves in water and washes away. Degradation due to ultra violet radiation accelerates further deterioration & shuttering materials life is shorted.

Developed specially for MIVAN, SC 17000 is a boon at sites where MIVAN shuttering is used. It not only protects the alu-form but provides a excellent finish to the concrete surface enhancing the workmanship of the large concreting teams. SC 17000 has without fail proved to satisfy the requirements of construction firms by providing economically large coverage without compromise of surface finish of concrete.

Generally spent engine oils are sometimes used. However high pH values associated with these oils damage the wood fibers as well as binders used in manufacture of plywood, and reduce its life considerable. If spent engine oil is used, it is found adhering, to concrete surface after de shuttering. The presence of oil film on concrete surfaces makes plastering expensive & difficult.

Concrete admixtures are used extensively to increase cohesiveness of concrete & to enhance bonding properties to steel reinforcements. These concrete admixture tend to adhere to shuttering material. Hence the shuttering material protection for increased life becomes more essential.

Our Shutter Coat SC 17000 is a unique formulation with neutral pH, hence does not degrade binders in plywood nor does it effect the wood fiber, in fact it protects wood fibers. So also for MIVAN, it protects alu-forms from corrosion. It has anti -fungal and anti-bacterial properties hence eliminates bacterial and algae fouling.

Shutter Coat SC 17000 is used for metal (aluminum, mild steel) plate also. Provides passivating film to M S/aluminum surface, enhances life of M S/aluminum plates reduces metallic oxidation & rusting.

Immediately after de-shuttering, scrub the shuttering board surface with wire coir, cloth. Apply shutter coat either by brush or cloth swab. This procedure is better than treating shuttering material just before use. It protects shuttering ply-wood in between use cycles, and also increase its life. Or use SC 17000 for treating surfaces before concreting

- 1 Easy release and no degradation of ply or alu-form due to sticky concrete.
- 2 Protection of ply from algae and bacterial fouling.

- 3 Increase life of shuttering material by 2-3 fold.
- 4 Subsequent coatings augment earlier coating, hence ensures smooth release of shuttering form from concrete as the plywood ages.
- 5 Enhances surface finish, makes the ply-wood surface smooth, hence increasing UV radiation reflection.
- 6 Reduces friction between flowing concrete and aluform/ ply surfaces, hence eliminating honey combing. Gives smooth concrete finish.
- 7 Does not adhere to concrete surface after de shuttering. Hence does not interfere with plastering. Thus reduces plastering cost.

Method of use

Stir contents in shutter-coat container thoroughly. Apply coating of SC 17000 depending upon smoothness desired and roughness of shuttering material surface. For older shuttering apply generous coat of SC 17000 to obtain smooth form finish concrete, whilst for new smooth shuttering material surface lighter coat may be applied. Apply with clean brush over the surface exposed to concrete. For new plywood apply on all sides. Clean surface thoroughly with a coir-ball of used coir ropes and clean cloth prior to coating shutter Coat.

For mivan shuttering material stir contents thoroughly and apply one coat.

No.	PRODUCT DATA	
1	Colour	Dark amber Fluid
2	Consistency	Flowable liquid
3	Dosage	Direct to use on shuttering surface
4	Corrosion	Nil. Shutter Coat for metal provides metal passivation & increases sheet metal life tremendously.
5	Storage /Life	2-3 yrs if stored away from sunlight in cool dry place.
6	Toxicity	Nil
7	Coverage	Aluminium Form- 250 sq ft per Litre Laminated Ply- 550 sq ft per litre
8	Packing	210 Litre drum.

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 • • 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-1

Other Products : Tile Fix # 1 • Tile Fix # 1A • Tile Fix SP # 1 • Strextra NSG 110 • Strextra - NSG 2024 • Easy Grout • Water Repellent SBWR – 5000 • Shutter Coat for Wood & Metal • 111 • Concrete Cure Coating – 103 • 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 • Hak Safe AL 111 • Paint Remover PR – 128 • COLGROUT Admixture CG – 101S • Rock Splitting Grout ATC-A201 •



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