



Shutter Coat SC 2906 (High performance Mould release agent)

Shuttering plywood 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 Aluminum Formwork, SC is a boon at sites where MIVAN shuttering is used. It not only protects the alu-form but provides an excellent finish to the concrete surface enhancing the workmanship of the large concreting teams. SC 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.

Shutter Coat SC is a unique formulation with neutral pH, hence does not degrade binders in plywood nor does it affect 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 eliminate bacterial and algae fouling.

Shutter Coat SC 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.

ADVANTAGES:

- 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 and reduces friction between flowing concrete and alu-form/ ply surfaces.
- 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.

Swastik Lubricant Pvt. Ltd.

Office: A-54 M.I.D.C., Ahmednagar, Maharashtra.

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METHOD OF USE:

Stir Contents Shutter Coat SC 2906 container thoroughly. Apply coating of SC 2906 depending upon smoothness desired and roughness of shuttering material surface. for older shuttering apply generous coat of SC 2906 to obtain smooth form finish concrete, whilst for new smooth shuttering material surface lighter coat may be applied. Apply with clean roller or 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 aluminium shuttering plates stir contents thoroughly and apply one coat.

CHARACTERISTICS:

Sr. No.	Parameters	Result
1.	Specific Gravity / Density	0.8586 grams/cc
2.	Viscosity Index	113
3.	Flash Point	212°C
4.	Copper Strip Corrosion at 100°C for 3 Hours ASTM D130	Pass, No Corrosion Pass, (1A)
5.	Kinematic Viscosity @ 40°C mm ² /s ASTM D445	34.63
6.	Toxicity	Nil
7.	Coverage	Aluminium Form - 250 Sq.Ft. Per Ltr Laminated Ply - 550 Sq.Ft. Per Ltr

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PRODUCT DETAILS:

Sr. No.	Particulars	
1.	Colour	Goldenish Yellow
2.	Consistency	Flowable Liquid
3.	Dosage	Direct to use on shuttering surface
4.	Corrosion	Nil. Shutter Coat SC for metal provides metal passivation & increases sheet metal life tremendously.
5.	Packing	210 Litre drum

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