

SEPAFORM S

Solvent Based Shutter Release Agent

Description:

SEPAFORM S is a special formulated solvent based blend composed of mineral oil and chemical additives and modified to be applied on form work as a shutter release compound prior to casting of concrete. It prevents casted concrete from adhering to the form work which will cause defects and deficiencies in the concrete surface.

SEPAFORM S can be applied on all types of form works including metallic, wooden, PVC and laminated formwork sheets. SEPAFORM S acts to produce a smooth, stain free and uniform finish concrete.

Applications:

- Application on both steel and plywood form works.
- Application on precast steel formwork.
- Can be used for tunneling concrete system and slide form system.
- Can be applied on Vertical and horizontal formwork.
- Used in hot weather, without material running off.

Advantages:

- SEPAFORM S produces neat concrete surfaces by letting air and water bubbles rise freely during vibration.
- SEPAFORM S is effective on rough lacquered and smooth exposed concrete surfaces, forming a saponaceous film which does not wash off.
- SEPAFORM S adheres to all wooden or plywood form surfaces, as well as to synthetic or steel forms.
- SEPAFORM S ensures easy release and extends useable life of shuttering forms.
- SEPAFORM S prohibits corrosion of steel formwork.

Instructions for Use:

Surface Preparation:

Surface of form work must be clean, dry from oil or grease, clean from any contaminations and cement spatters.

Mixing:

The drum contents of SEPAFORM S very well before application. The product is ready to be used directly.

Application:

SEPAFORM S is applied directly to formworks prior to casting. Applied by brush, roller or spraying machine. The product should be applied on plywood or steel shutter before the each casting.

After every use of formwork, the shutter should be cleaned and recoated lightly with SEPAFORM S. In normal application it is recommended to apply the release agent two hours, at least, before casting.

Do not over apply SEPAFORM S on the formwork. Extra material might get mixed with the concrete and affect the concrete surface look.

Standards:

SEPAFORM S conforms to:

- ASTM C309, TYPE 1
- BS 8110

TECHNICAL PROPERTIES:

Color	:	Light Amber
Density	:	0.85 Kg/Lt.
Drying Time	:	2 to 3 hrs. at 25°C
Workable at temp. of	:	-20 °C
Physical Description	:	Very Fluid
Flash point	:	55° C

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Coverage:

SEPAFORM S coverage rate is:

- 14 square meters per liter on porous surfaces
- 20 square meter in semi porous surfaces
- 40 square meters on smooth surfaces

Packaging:

SEPAFORM S is supplied in 210 liter drums.

Storage Conditions:

Store in original packing in dry conditions away from direct sunlight

Shelf Life:

SEPAFORM S can be utilized within 12 months of production date if stored in proper conditions in unopened original packing.

Cleaning:

Used tools can be cleaned using solvent.

Health and Safety:

- SEPAFORM S contains hydrocarbon oils and should be treated as highly harmful substance.
- Avoid contact with eyes and skin.
- Avoid inhalation of vapours.
- Should accidental skin contact occur, remove immediately with soap and water.
- In case of contact with eyes rinse immediately with plenty of water.
- SEPAFORM S is a flammable product with low flash points. Avoid any storage near sources of flames.

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This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.



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