

SEPAFORM S

Solvent Based Shutter Release Agent

Description:

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

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

Uses:

- 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 formwork must be clean, dry from oil or grease, clean from any contaminations and cement spatters.

Mixing:

SEPAFORM S should be gently stirred immediately prior to use to ensure uniformity of material as supplied. 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 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.

TECHNICAL PROPERTIES	
Color	Light Amber
Density@25°C	0.83 ± 0.03 kg/lit
Physical Description	Very Fluid
Flashpoint	>50°C

*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

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Coverage:

SEPAFORM S coverage rate is:

- 20 square meters per liter on porous surfaces
- 30 square meter in semi porous surfaces
- 60 square meters on smooth surfaces

*Coverage rate is an approximate value, and subject to actual site conditions.

Packaging:

SEPAFORM S is supplied in 200 liter drums.

Storage Conditions:

Store in original packing in dry conditions away from direct sunlight. Damaged packaging, high humidity or extreme temperatures may reduce the shelf life. Store between 10°C to 30°C.

Shelf Life:

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

Cleaning:

Used tools can be cleaned using ARMOSOLVENT.

Health and Safety:

- Avoid contact with eyes and skin. Wear suitable protective clothing such as coveralls, goggles, dust mask and gloves. Use barrier cream. Ensure that there is adequate ventilation. Do not breathe vapor or spray mist. The product is flammable, keep away from sources of ignition. DO NOT SMOKE. Take precautionary measures against static discharge.

FIRST AID:

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| Eyes: | In the event of accidental splashes, flush with warm water and seek medical advice. |
| Skin: | Wash skin thoroughly with soap and water |
| Inhalation: | Remove to fresh air, keep patient rested |
| Ingestion: | Do not induce vomiting. Seek immediate medical attention. |

For further safety information, please refer to SEPAFORM S Material Safety Data Sheet

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