

SEPAFORM OIL

Shutter Release Agent Based On Vegetable Oils

Description:

SEPAFORM OIL is a formulated blend of stable vegetable oils, with additives and a degree of active ingredients. It is formulated to be applied on wide range of metal, timber and other formwork material. SEPAFORM OIL is designed to give an optimum release and quality of finish to concrete.

SEPAFORM OIL provides the formwork surface with a water repellent, oilophobic film which protects the formwork from aggressive water attack and, in addition, results in a smooth, stainless concrete surface.

Uses:

SEPAFORM OIL is used as formwork release agent for different kind of applications including:

- Application on plywood form works.
- Application on precast concrete formworks
- Application on metal formwork
- Can be used in slip form or sliding form system.
- For Vertical and horizontal formwork.

Advantages:

- Water based, environment friendly product. It is odourless and non-flammable.
- Oil based product. It prevents rusting of metal forms.
- 100% biodegradable, eco-friendly which contains no harmful chemicals against human health.
- Nontoxic. Does not cause irritation.
- Produces neat concrete surfaces by letting air and water bubbles rise freely during vibration.
- Effective on rough, lacquered and smooth exposed concrete surfaces, forming a saponaceous film which does not wash off.
- Adheres to all wooden or plywood form surfaces, as well as to synthetic or steel forms.
- Ensures easy release and extends useable life of shuttering.
- Minimize surface straining even with white cement concrete.

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:

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

Application:

SEPAFORM OIL 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 OIL. In normal application it is recommended to apply the release agent two hours, at least, before casting.

For new unsealed timber formwork, one time pre-treatment is essential with two coats prior to use. This will extend the useful life of the formwork and help to reduce the surface absorbency.

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

| TECHNICAL PROPERTIES | |
|----------------------|-----------------|
| Color/Appearance | Yellow liquid |
| Density | 0.90 kg/lit |
| Drying Time | 2 hours at 25°C |
| Inflammability | None |
| Harmful ECC 88/379 | None |
| Chloride Content | None |
| pH value | 9.0 |

*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 OIL coverage rate is:

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

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

Packaging:

SEPAFORM OIL is supplied in 200 liter drums.

Storage Conditions:

Store in original packing in dry conditions away from direct sunlight and high humidity levels.

Shelf Life:

SEPAFORM OIL can be utilized within 24 months of production date if stored in proper conditions in unopened original packing.

Cleaning:

Clean used tools with water.

Recommendations:

- Do not use with gypsum or polystyrene forms
- Do not dilute with water or solvents

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 vapour or spray mist.

FIRST AID:

- 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 OIL Material Safety Data Sheet

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