

FORMRELEASE S

Solvent-Based Mould and Shutter Release Agent

Description

FORMRELEASE S is a specially formulated mould and shutter release agent. It is a blend of mineral oils and selected chemical additives which reacts chemically with cement to impart excellent release properties to treated surfaces. Concrete cast against surfaces coated with **FORMRELEASE S** exhibit a smooth, hard, uniform finish and stains free.

Features & Benefits

- Reacts chemically with cement to impart excellent release properties to treated surfaces.
- Exhibits concrete with a smooth, hard and uniform finish.
- Has no negative effect on the properties of concrete.
- Reducing damages and improving efficiency of production.
- Ensures easy release and extends useable life of shuttering.
- Minimize surface stains even with white cement concrete.

Uses

FORMRELEASE S is mainly used for application on plywood or steel formwork to assure a clean and easy formwork release.

FORMRELEASE S adheres to both smooth and rough surfaces (wood, metal or synthetic materials) as well as to vertical or horizontal surfaces. It can be used not only at temperatures below zero, (where other oils or other products become solid), but also in the manufacturing or prefabricated elements, by means of heated forms without the risk of run-off.

Technical Properties

Appearance	Amber color Liquid
Density	850 Kg/m ³ approx.
pH @ 25 °C	8.0 – 8.5
Drying time	2 hours @ 25 °C
Working temperature	Down to -20 °C
Flash point	55 °C
Application Temperature	+5 °C to +35 °C
Chloride Content	Nil

All values are subject to 5-10% tolerance

Standards Compliance

- BS 8110

Application Procedures

Surface preparation:

All surfaces of form work should be clean, dry from oil, grease. Clean from any contaminations and cement spatters.

Application Instructions:

FORMRELEASE S is ready to use product, stir the drum very well before use. It can be applied by brush, roller or spraying machine. Apply on plywood or steel shutter before each casting. In order to get better results, concrete should be casted on treated formworks within maximum 2-3 hrs depends on weather conditions. Extra materials should be allowed to drain before using the formwork.

After every use of framework, shutters should be cleaned and recoated lightly with **FORMRELEASE S**.

Coverage

FORMRELEASE S coverage rate is between 40-50 m² when spray applied depends on smoothness and porosity of framework.

Packaging

FORMRELEASE S is available in 210 Lt drums.

Cleaning

Clean the used equipment and tools with Solvent.

Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

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