

FORMRELEASE W

Water-Based Mould and Shutter Release Agent

Description

FORMRELEASE W is a water based white emulsion product composed of synthetic oils, emulsifying agents and varied additives with high anti-adhesive properties towards the concrete.

It is usable with all type of shuttering: steel, plastic, plywood or aluminum. It allows a clean, fast, and easy striking. It can be sprayed or applied with a cloth.

FORMRELEASE W provides the mold surface with a water repellant film which protects the formwork from aggressive water attack and, in addition, results with a smooth, stain less concrete surface

Features & Benefits

- Economical and environment friendly.
- Odor less and non-toxic
- Water based, Non flammable
- 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 stains even with white cement concrete.

Uses

FORMRELEASE W is used as mold and shutter release agent for wood and steel formworks. It prevents the adhesion of casted concrete on the formwork surface. It can be used in slip form or sliding form systems.

Technical Properties

Appearance	Milky White Liquid
Density	1,000 Kg/m ³ approx.
pH @ 25 °C	8.0 – 8.5
Drying time	2-3 hrs @ 25 °C
Harmful ECC 88/379	No
Inflammability	No
Application Temperature	+5 °C to +35 °C
Chloride Content	Nil

All values are subject to 5-10% tolerance

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 W 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 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 W**.

Coverage

FORMRELEASE W coverage rate is:

- 12-14 m² per Ltr. on porous surface
- 17-20 m² per Ltr. on semi-porous surface
- 35-40 m² per Ltr. on smooth, non-porous surfaces

Packaging

FORMRELEASE W is available in 210 Lt drums.

Cleaning

Clean the used equipment and tools with water.

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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