

MONNELI DISARMANTE S

Solvent Based Mould and Shutter Release Agent

Product Description

A single component, solvent based mould and shutter release agent. It provides a chemical release action that is superior to that provided by normal oil based release agents.

Uses

DISARMANTE S is formulated to provide a quick, clean, easy stripping of moulds and formwork prior to casting concrete to ensure high quality fair-faced and stain-free concrete. It can be applied to:

- Plywood
- Timber
- Steel

Advantages

- Produces neat concrete surfaces by letting air and water bubbles rise freely during vibration
- Ensures easy release, reducing damages and improving efficiency of production
- Minimize surface stains and blemishes even with white cement
- Suitable for use with virtually all types of formwork

Instructions for Use

Mould and Shutter Preparation

All mould and shutter surfaces must be cleaned from deposits of rust, concrete, oil and other materials.

It can be applied over fresh or old formwork.

Application

DISARMANTE S can be applied by brush, roller or mould oil sprayer. In most cases, spray application is recommended.

If mould oil sprayer is used, the nozzle is atomized to give a light and uniform coating. Excessive application should be avoided.

Non-absorbent surfaces require a single application. New, unsealed, timber surfaces should be recoated if delay in use of the mould leads to absorption of the release agent into the timber.

However, if DISARMANTE S is overly applied, excess materials should be allowed to drain and be carefully removed from the bottom of the mould by a cloth or sponge. Pools of DISARMANTE S should not be allowed to dry. Otherwise, surface retardation of the concrete will occur.

The surface should be re-coated depending on the porosity and texture of the mould surface.

After Stripping and Demoulding

The formwork and mould should be brushed or wiped clean of any excess dust prior to reapplication for the next use of the mould.

Repair of Moulds

After extensive use, surface of moulds will require repair. It should be cleaned of all residue and traces of DISARMANTE W to ensure proper adhesion of the repair material. The mould shall be cleaned by detergent followed by rinsing thoroughly with water.

Cleaning

Equipment and tools used should be cleaned promptly with water.

Recommendation

Application should be done in thin layers.

Technical Data

Properties	Results
Appearance	Liquid
Color	Slightly amber
Physical characteristics	Very fluid, clear, non-oleaginous
Density at 25°C	0.83 kg/L
Drying time at 25°C	> 60 minutes
Flash point	Above 55°C
Temperature effect	Sustains temperature down to -25°C

All values are subject to 5-10 % tolerance

Coverage

Type of Surface	m ² /liter
Smooth, poreless form surfaces	40-50

Packaging

DISARMANTE S is supplied in 20 and 210 liter drums.

Storage

DISARMANTE S has a minimum shelf life of 12 months when stored in unopened covered and dry place. Avoid exposing the drums to sunlight. Extreme temperatures cause the product to deteriorate.

Health & Safety

DISARMANTE S is a non-toxic material. However, inhalation of spray should be avoided and it is advisable to wear goggles when spraying. In case of eye contact, flush with water for few minutes. If irritation continues, consult a doctor. If product is ingested, do not induce vomiting, seek medical attention immediately.

Cleaning & Disposal

Spillage of DISARMANTE S should be absorbed into the earth or sand and transferred to appropriate containers. Practice caution in contaminated areas as the floors will become slippery.

Disposal of waste material should be in accordance with the local legislation under the guidance of the local waste regulatory authority.

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DUBAI
ABU DHABI
ITALY

P.O. Box 123808 Dubai UAE
P.O. Box 127326 Abu Dhabi, UAE
Z.I. Ponte d'Assi 06024 Gubbio (PG)

T. +971 4 8803488 F. +971 4 8803450
T. +971 2 5511949 F. +971 2 5511749
T. +39 75 9221297 F. +39 75 9221174

colmef@colmef.ae

www.colmef-me.com

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