

MonniCrete S

Chemical mold and form-work release agent

Product Description

MonniCrete S is a single component, low viscosity pale straw colored liquid composed of synthetic mineral oils and special varied additives that performs in a superior manner to standard oil based mold release agents. MonniCrete S provides the plywood surface with a water repellent film preventing concrete from adhering to the form work resulting with a smooth, stainless concrete surface.

Uses

- ▶ MonniCrete S is used for the treatment of wooden and metal form work or molds prior to the casting of concrete to facilitate form stripping.
- ▶ Minimizing concrete surface blemishes and pinholes

Advantages

- ▶ Factory controlled single component easy to use.
- ▶ Stainless fair-faced concrete finish.
- ▶ Ensures easy release reducing damage to molds and form-work.
- ▶ Produces neat concrete surfaces by letting the air & water bubbles rise freely during vibration.
- ▶ Performs all wooden or plywood form surfaces, GRC as well as to synthetic or steel forms.
- ▶ Extend usable life of shuttering.

Usage Instructions

Surface Preparation

All molds, shutter surfaces must be cleaned from deposits of rust, concrete, oil or other materials. The product is ready to use without any dilution

Application

MonniCrete S is supplied in pails or drums ready to use at site without a need to premix operation. It can be applied by brush, roller or spraying machine.

Apply MonniCrete S on plywood or steel shutter before the first casting. After every use of form-work, the shutter should be recoated lightly with MonniCrete S

Do not over apply MonniCrete S on the form-work. Excessive material should be allowed to drain before using the form-work.

Apply the product with a brush or preferably with a sprayer. For best results, it is advisable to apply MonniCrete S at least two hours before using the shutter.

Technical Data

Category	Typical Values
Appearance	Pale
Density	0.82 kg/Ltr @ 25 °C
Chloride content	Nil
Application rate	7 - 30 m2/liter (depending on type of shuttering)

All values are subject to 5-10% tolerance

Standards Compliance

Concrete Society Category 5 chemical mold release agent.

Packaging

MonniCrete S is supplied in 20 Liter Pail & 200 Liter Drum

Coverage

7 - 30 m2/Liter

Shelf Life & Storage

Original sealed container of MonniCrete S and has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 35°C.

Limitations

MonniCrete S should not be continuously re-circulated in high shear pumps in concrete train or similar applications as this may cause a breakdown of the emulsion before spraying. If continuous re-circulation is necessary, the sprayer should be fitted with a low shear diaphragm pump. Specifications calling for resin or solvent based curing membranes can be met using MonniCrete S.

Health & Safety

MonniCrete S contains hydrocarbon oils and should be treated as potentially harmful as there is a possible risk of irreversible effects in contact with skin. MonniCrete S should not be swallowed or allowed to come into contact with skin and eyes. Avoid inhalation of vapors and ensure adequate ventilation.

Wear suitable gloves and eye/face protection. Should accidental skin contact occur, remove immediately with soap and water - do not use solvent.

In case of contact with eyes rinse immediately with plenty of water and seek medical advice, if swallowed seek medical attention immediately - do not induce vomiting.

Fire

MonniCrete S has a shelf flash point, so the flammability risk is low. Do not expose to naked flames or other sources of ignition.

Flash point: above 60°C.

Cleaning and Disposal

Spillages of MonniCrete S should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. Contaminated areas will become slippery. The disposal of excess or waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority.

Legal disclaimer

Monneli endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products, because it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Monneli has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of TDSs are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

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