

MonniCrete C

Chemical old and form-work release agent

Product Description

MonniCrete C is a single component, black box concentrate of specially formulated oils and additives that when diluted by 200 liters of diesel oil will produce a low viscosity liquid composed of synthetic mineral oils and special varied additives that performs in a superior manner to standard oil based mold release agents. MonniCrete C 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 C is used after dilution 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

- ▶ Minimizes storage requirement of conventional release agent products.
- ▶ Stainless fairfaced 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

Dilution

Pour the entire contents of the MonniCrete C concentrate into a 200 liter drum of diesel oil.

Use a drum stirrer or a small circulation pump to mix the contents of the drum.

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 C is supplied in 10 kg pails that need to be mixed and diluted with 200 liters of Diesel prior to use. The mix can then be applied by brush, roller or spraying machine.

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

Do not over apply the diluted MonniCrete C 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 diluted MonniCrete C at least two hours before using the shutter.

Technical Data

Category	Typical Values
Appearance	Yellowish viscous fluid
Density	0.9 Kg/L @ 20 °C
Chloride content	Nil
Application rate	10 kg / 200 liter diesel drum

All values are subject to 5-10% tolerance

Packaging

MonniCrete C is supplied in 18 Kg and 200 L pack size

Coverage

7 - 30 m²/Ltr of diluted product

Shelf Life & Storage

Original sealed container of MonniCrete C 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 C 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 C.

Health & Safety

MonniCrete C is a mixture of mineral oils and additives that do not pose a threat to human health. The product is not suited for injection.

If swallowed seek medical attention immediately - do not induce vomiting.

For further information consult the Material Safety Data sheet available for this product.

Fire

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

Cleaning and Disposal

Spillages of MonniCrete C 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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