

# MonniCrete W

Water Based Mould and Shuttering Release Agent

## Product Description

MonniCrete W is a single component, water based release agent. The white emulsion product is composed of emulsified mineral oils and nonhazardous chemicals specially formulated to produce a clean release.

After the removal of formwork, the resultant concrete has a smooth, hard, uniform finish with reduced incidents of blowholes.

## Uses

MonniCrete W is formulated to provide a quick, clean and 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

- ▶ Water based, eco-friendly product
- ▶ Odorless and nonflammable
- ▶ 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

## Usage Instructions

### Mould and Shuttering Preparation

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

### Application

MonniCrete W can be applied by brush, roller or mould oil sprayer. If mould oil sprayer is use, the nozzle is atomized to give a light and uniform coating.

Excessive application should be avoided. However, if MonniCrete W 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 MonniCrete W should not be allowed to dry. Otherwise, surface retardation of the concrete will occur.

For proper results, it is advisable to apply MonniCrete W two hours at least before using the mould or shutter.

### After Stripping and Demoulding

The formwork and mould should be brusher 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 cleared of all residue and traces of MonniCrete W to ensure proper adhesion of the repair material. Cleaning shall be done by detergent followed by rinsing with water.

### Cleaning

Equipment and tools used should be cleaned promptly with water.

### Recommendation

Application should be done in thin layers.



## Technical Data

Category	Typical Values
Appearance	Milky white liquid
Density	0.97 kg/L @ 25°C
VOC	0.48 g/L
Drying Time	2 - 3 hours @ 25°C
pH of emulsion	7.5 @ 25°C
Temperature of Application	+5°C to +35°C
Harmful to ECC88/379	No
Inflammability	No
Chloride Content	No

All values are subject to 5-10% tolerance

## Coverage

Types of Surface	m <sup>2</sup> /liter
Smooth, poreless from surfaces	42.50
Semi porous form surfaces	17
Porous from surfaces	12
Very porous from surfaces	10.50

## Packaging

MonniCrete W is supplied in 210 liter drums.

## 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.

## Shelf Life & Storage

MonniCrete W 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 product to deteriorate

## Health & Safety

MonniCrete W 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.