

# Formcoat S100

Solvent based mould release agent



## Description

Formcoat S100 is a ready for use, single component, release agent for formwork.

## Applications

Formcoat S100 is used as a release agent for most types of formwork allowing for easy stripping of formwork and improving concrete finish.

## Advantages

- ▲ Easy release, reduces damage to concrete surface and improves finish.
- ▲ Non staining.
- ▲ Minimizes surface blemishes and staining.
- ▲ Improves fair-faced concrete quality.
- ▲ Reduces opportunity of damage to formwork.
- ▲ Extends formwork usable life.
- ▲ Minimizes cleaning of formwork before re-use.
- ▲ Inhibits corrosion of steel formwork.

## Method of Use

**New Moulds:** No preparation is normally necessary unless metal moulds show signs of rust, then these must be wire brushed or treated with emery cloth and cleaned before coating.

**Used Moulds:** Must be thoroughly cleaned and free from old concrete, dirt, cement laitance, old mould oil and other contaminations. Use a strong detergent for removal of oil and grease; Setklens for cement and concrete deposits.

## Application

Apply Formcoat S100 on to the face of the formwork by spray, brush or cloth. Only one coat should be applied (as thinly as possible except on very absorbent new timber where two coats may be necessary for the first application only) and allow to dry.

Only if the formwork is not used for several days, a further coat may be applied.

Only a very thin film of Formcoat S100 should be applied. Excess could lead to surface dusting of the concrete.

## Technical Properties @ 25°C:

Colour:	Straw liquid
Specific gravity:	0.83 ± 0.05

The best results are obtained by applying with a fine mist sprayer. Where a cloth is used, it should first be soaked in the release agent and then squeezed out well before applying. This ensures a thinnest possible film.

**Drying Time:** It is essential that the Formcoat S100 coating is thoroughly dried before placing concrete otherwise, its performance may be impaired. In conditions of high humidity drying times will be much longer than in warm dry conditions.

**De-Moulding:** De-moulding can be carried out in the normal way and no special precautions are necessary.

**After De-Moulding:** Formwork surfaces must be thoroughly cleaned, but this is normally easy due to the excellent release action.

**Before Re-Use:** The cleaned formwork surfaces must be recoated with Formcoat S100 each time, in accordance with normal practice.

## Packaging

Formcoat S100 is available in 1, 5, 10, 20, 50, 200 and 225 litre containers.

## Coverage

30 - 70 m<sup>2</sup>/litre depending on type, quality and absorption of formwork.

## Storage

Formcoat S100 should be stored under a shaded area at a minimum ambient temperature of 5°C.

## Shelf Life

Formcoat S100 has a shelf life of 24 months from date of manufacture if stored in proper conditions and sealed drums.

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If these conditions are exceeded, DCP Technical Department should be contacted for advise.

## Cautions

### Health and Safety

Contain solvent, ensure adequate ventilation at all times. Contact with skin, eyes or mucous membrane cause irritation.

Wear suitable gloves and eye protection. Should accidental skin contact occur, remove with soap and water.

In case of contact with eyes rinse immediately with plenty of water and seek medical advise.

For further information refer to the Material Safety Data Sheet.

### Fire

Formcoat S100 is flammable. Do not expose to naked flame or other sources of ignition.

*Flash Point:* 65°C.

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- ▲ Flooring systems.
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- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
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- ▲ Structural strengthening.

**Note:**

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

