

Formcoat F200

Low VOC, non-staining form release agent



Description

Formcoat F200 is a premium ready for use, diesel-free, low VOC, oil-based concrete form release agent.

It effectively prevents the bonding of concrete to most types of formwork ensuring high quality, fair faced and stain free concrete with excellent surface finish.

Applications

Formcoat F200 is used as a release agent for most types of formwork including plywood, steel, aluminum, plastic and treated paper forms, allowing for easy stripping of formwork and improving concrete finish.

Advantages

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

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. Mechanical cleaning with wire brush or media blasting (if required) is advised, followed by cleaning with a good general-purpose solvent or high pH cleaning solution.

Molds that have been coated with waxes, oils, or other coatings should be cleaned with a heavy-duty cleansing solvent if there is a significant buildup.

Technical Properties:

Colour:	Clear to yellowish
Specific gravity:	0.85 ± 0.05
Flash point:	> 266°F (130°C)
VOC:	< 10 g/ltr
ASTM D2369	(comply with LEED)

Application

Formcoat F200 is ready to use and doesn't require dilution, apply Formcoat F200 onto the face of the formwork by spray, roller or brush. 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).

Only if formwork is not used for several days, a further coat may be applied. A very thin continuous film of Formcoat F200 should be applied. Over-application could lead to surface dusting of the concrete. Runs or puddles need to be brushed out or wiped away using clean cloth.

The best results are obtained by applying with a knapsack sprayer with a proper nozzle type, which will provide a uniform coating. The spraying should be done at a suitable distance from the form (typically 20 – 40 inch). Make sure the nozzle is completely tight to avoid any spillage.

Alternatively, a short nap roller or brush can be used. Ensures that the surface of the form is fully covered with the thinnest possible film.

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.

Before Re-Use: The cleaned formwork surfaces must be recoated with Formcoat F200 each time, in accordance with normal practice

Don Construction Products Inc.

Lancaster, SC 2970, USA

info.usa@dcp-int.com



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Cleaning

Sprayers and other equipment may be cleaned with a solvent degreaser.

Packaging

Formcoat F200 is available in 1 gal (3.8 liter), 5 gal (19 liter), 55 gal (208 liter), 275 gal (1041 liter) containers.

Coverage

Steel, plastic, fiber glass, high density plywood:
1600 – 2400 ft²/gal (40 – 60 m²/litre).

Striated plywood, timber wood:
1000 - 1400 ft²/gal (25 - 35 m²/litre).

Coverage rates depends on type, quality and absorption of formwork. Non-absorbent surfaces require a single application. New, unsealed, timber surfaces may need recoating if the first application is absorbed into the timber.

Storage

Formcoat F200 should be stored under a shaded area at a minimum ambient temperature of 41°F (5°C).

Shelf Life

Formcoat F200 has a shelf life of 12 months from date of manufacture if stored in proper conditions and sealed drums.

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

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. If accidental skin contact occurs, 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 Safety Data sheet.

Fire

Formcoat F200 is nonflammable. However, do not expose to naked flame or other sources of ignition.

Flash Point: 266°F (130°C).

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A wide range of construction chemical products are manufactured by DCP which include:

- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

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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.

