

Formcoat® WB250

Water-based, biodegradable formwork release agent



DESCRIPTION

Formcoat WB250 is a premium quality and environmentally-safe formwork release agent based on organic vegetable oils. It is ready for use, 100% biologically degradable, chemically reactive and soluble in water. Also contains special corrosion inhibitor additives.

Formcoat WB250 ensures high quality, fairfaced and stain-free concrete with an excellent surface finish.

APPLICATIONS

- › Formcoat WB250 is a release agent for wooden, plastic and metal molds. It is ideal for use in concrete precast plants.
- › Formcoat WB250 provides easy formworks stripping, produces concrete surfaces that are stain-free, smooth and non-dusting and minimizes form clean-up time and maintenance costs.

ADVANTAGES

- › 100% natural organic chemical release agent biodegradable, non-toxic and environmentally-safe.
- › Used for direct and delayed-release for all types of concrete.
- › Non-staining release for architectural concrete.
- › Helps prevent blowholes, pinholes, bug holes and air voids.
- › Leaves no residue on concrete after formworks are stripped.
- › Solvent-free does not contain diesel oil, kerosene, waxes or silicones.
- › Ready-to-use, easy to work.

STANDARDS

Compliant with all U.S and Canadian regulations for VOC of concrete form release agents, including Federal EPA, SCAQMD, OTC, LADCO & CARB.

METHOD OF USE

SURFACE PREPARATION

Formwork must be free from surface deposits, rust, concrete, oil or other materials. Inadequate cleaning may lead to surface blemishes. Coating new timber formwork with a polyurethane sealer will protect the formwork, increase its service life and improve concrete surface finish.

TECHNICAL PROPERTIES @ 70°F (21°C):

Color:	Milky white liquid
Specific gravity:	0.97 ± 0.02
pH:	8 - 10
VOC:	< 10 g/ltr (comply with LEED)

APPLICATION

Formcoat WB250 can be applied using roller, brush, and sponge or spray application. Non-absorbent surfaces require a single application.

New, unsealed, timber surfaces may need recoating if the first application is absorbed into the timber. If the product is over-applied, excess material should be drained and then carefully removed using a sponge or a cloth.

PACKAGING

Formcoat WB250 is available in 1 gal (3.8 litre) jugs, 5 gal (18.9 litre) pails, 55 gal (208.2 litre) drums as well as 264 gal (999.3 litre) totes. Bulk supply in tanker trucks is also available upon request.

COVERAGE

1,220 to 2,850 ft² per gal (30 to 70 m²/litre) depending on formwork types and type of application.

STORAGE

Formcoat WB250 should be stored in closed containers away from direct sunlight between 41°F to 95°F (5°C and 35°C).

SHELF LIFE

Formcoat WB250 has a shelf life of 9 months from the date of manufacture if stored in proper conditions and sealed drums.

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





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CAUTIONS

HEALTH AND SAFETY

Wear rubber gloves and protect eyes with goggles. Wash hands and skin with soap and water immediately after accidental contact.

In case of contact with eyes, immediately flush with plenty of water and seek medical attention.

For further information, refer to the Material Safety Data Sheet.

FIRE

Formcoat WB250 is nonflammable.

DISPOSAL

Disposal must be made according to official local regulations. The material should not be allowed in any case to reach groundwater, water bodies or sewage systems.

In case of spillage, the material should be absorbed with liquid binding material such as sand. Contaminated packaging should be emptied thoroughly and saved for recycling after proper cleaning.

WARRANTY

Unless expressly stated otherwise in the Sales Documents, the Limited Warranty shall expire on the expiry date listed on the Product's label or packaging. The full text of DCP's limited warranty is found in DCP's standard terms and conditions of sale (the "Terms"), which are available at [DCP Website/USA – Terms & Conditions](#). DCP's limited warranty is in all cases subject to, and conditioned upon, the Terms.

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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.

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