

Decon WB30

Water based concrete release agent

Description

Decon WB30 is a water based concrete release agent that aids in releasing concrete castings from various types of molds and formwork i.e. melamine, metal, non-porous wood, rubber etc. It provides a clean, positive release, does not interfere with color or surface detail and helps minimize bug holes and air bubbles in finished castings.

- Low Cost – Use straight or dilute with water (up to 3 parts with water. See dilution recommendation below).
- Water Based, Eco-Friendly – Contains no VOC's, carcinogens or oils harmful to the environment.
- Does Not Stain Concrete, affect color surface detail or finishing.
- Minimizes "Bug Holes" and air bubbles.
- Contains No Oils that will cause rubber molds to soften, shrink or swell.
- Keeps Molds Clean - Does not build up.
- Extends Mold Life

Fields of application

Decon WB30 can be used on forms such as wood, steel, aluminum, fiberglass reinforced, all grades of plywood (including pre-oiled, overlaid, LDO, NDO, HDO), epoxy - coated, urethane-coated, and fiber tubes. **Decon WB30** increases the life of wood forms by penetrating into the wood to waterproof and prevent deterioration. It also reduces maintenance requirements on metal forms by forming a rustproof film that makes the metal form essentially self-cleaning and rust-free.

Decon WB30 can be applied on forms for prestressed and precast concrete to produce a cleaner cast. When properly applied, **Decon WB30** will not stain or discolor concrete, and will substantially reduce the formation of bug holes.

Technical data

Form:	Thin liquid emulsion
Colour	Milky white
Density:	0.97 kg/lit
pH	10.5
Application temperature	+5°C to +35°C

Directions to use

Surface preparation

Form surfaces are to be thoroughly cleaned prior to application. All rust and scale must be removed in accordance with good concrete practices. It is imperative when using new wooden forms of all types (plain wooden, plywood, rough cut, etc.) that **Decon WB30** be applied and reapplied until complete saturation has been accomplished prior to first use.

Pre-mixing

Before dispensing, shake container or stir thoroughly with a paddle or drill mixer set on a slow speed to a uniform consistency.

Diluting

Decon WB30 can be used straight or diluted with up to 8 parts water. The dilution ratio depends on your concrete mix design. Finding the right balance between **Decon WB30** and water can affect bug holes.

If using on a new rubber mold, it is recommended that AquaCon™ be used straight (undiluted) for each casting for the first 10 castings.

1 – 10 castings, use undiluted.



After 10 castings, dilute 1 part Decon WB30 : 2 Parts Water.

After 20 castings, dilute 1 part Decon WB30 : 3 Parts Water

Mix only amount needed for one day. Mixture may separate in the container after a few hours. Before dispensing, pre-mix before to a uniform consistency.

Application

Coat mold surface with a very thin film (.0005 in / .013 mm). Apply with a brush, roller, HVLP gun or suitable sprayer. Do not allow release agent to pool in the mold. Wipe over mold surface using a clean, soft cloth

Remarks

Applying too much release agent will cause air bubbles “wormtracks”, “bugholes” or pitting on surfaces.

After applying **Decon WB30** to mold surface, you can mix and cast concrete immediately.

Mixture may separate after 24 hours. If mixture separates, re-mix to a uniform consistency and apply.

Packaging

Available in, 4kg, 10 kg, 20 kg and 200 kg containers.

Shelf life

12 months from production date if stored in original, unopened packaging, at temperatures between +5°C and +35°C. Protect from direct sunlight and frost.

Health & safety

Avoid direct contact with this product. Use of safety glasses, rubber gloves, and protective clothing is recommended. If contact occurs, wash affected areas with mild soap and water. Keep product out of reach of children.

Refer to Safety Data Sheet for complete health and safety information.

Notes

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