



CMC Premium Release WB

Water-Based Form Release Agent

Description

CMC Premium Release WB form release agent is composed of organic chemicals emulsified in water that react with the alkali content of concrete to form a release film that effectively prevents the bonding of the concrete to the form. In addition, the product also contains a high molecular weight, non-reactive, chemically inert ingredient to assist in clean, quick form release and removal. This exclusive combination of physical and chemical reactive components provides a doubly effective separation and the ultimate in form release efficiency.

Uses

CMC Premium Release WB form release agent can be used on various types of forms (wood and steel, as well as fiberglass, aluminum, and fiber tubes). CMC Premium Release WB increases the life of wood forms by penetrating into the wood to waterproof and prevent deterioration. It reduces maintenance requirements on metal forms because it forms a rustproof film that makes the metal form essentially self-cleaning and rust-free.

For fiber tube forms, CMC Premium Release WB should be applied, even though the forms may be precast. The application of CMC Premium Release WB will allow the fiber tubes to strip much easier, even 60 to 90 days later. If tubes are stripped in 5 to 10 days, hand rubbing is greatly facilitated when the tubes are coated with CMC Premium Release WB.

CMC Premium Release WB cuts machine cleanup time and minimizes concrete buildup. Pavers, trucks, mixers, spreaderfinishers, buggies, chutes, and other types of equipment should be sprayed daily. CMC Premium Release WB can be applied on forms for prestressed and precast concrete to produce a better and cleaner cast.

Features & Benefits

- Can be safely used inside or outside.
- Produces a better and cleaner cast when applied on prestressed and precast concrete forms.

- Cuts stripping time to an absolute minimum.
- Reduces form cleaning and repairing.
- Increases wood form life, prevents rust, and rustproofs metal forms.
- Effectively minimizes concrete buildup on pavers, R/M trucks, mixers, spreader-finishers, buggies, chutes, and other equipment.
- Breaks concrete bond between surface and form cleanly and effectively, leaves smooth surface.
- Will not stain or discolor concrete and can be painted over.
- Ready to use, requires no additional mixing.
- Minimizes surface voids.
- VOC compliant.

Directions For Use

Surface Preparation: Form surfaces are to be thoroughly cleaned prior to application. All rust, scale, and previously used form release agents must be removed in accordance with good concrete practices.

Application Methods: Spraying is the ideal method of application. Use a sprayer, such as a Chapin 1949, with a nozzle that produces a flow of 0.1 GPM (0.379 LPM). CMC Premium Release WB may also be applied by roller coating, mopping, or brushing. A thin film should be applied for maximum economy and efficiency. Runs or puddles need to be brushed out. For metal forms, the best results are obtained with a spray-on "fog" application of CMC Premium Release WB.

Cleanup: Tools and equipment used to apply CMC Premium Release WB clean up easily with soap and water.

Technical Data

Freezing point.....	32°F (0°C)
Color.....	Opaque White
Staining.....	None
VOC Content.....	55 g/L

Continued on reverse side

Packaging

5 Gallon (18.93 Liter) Pails
55 Gallon (208.20 Liter) Drums

Coverage

600 - 1500 ft.²/gal. (14.73 - 36.82 m²/L), depending on the type and porosity of the form surface.

The following coverage rates are approximate:

Form Surface	ft. ² /gal.	(m ² /L)
Hard & Smooth	1500	(36.82)
Pre-Oiled Plywood	1000	(24.55)
Untreated Plywood	600	(14.73)

Shelf Life

When stored indoors in original, unopened containers at temperatures between 40° - 90°F (4° - 32°C), optimum performance and best use is obtained within one year of date of manufacture.

Specifications

Complies with U.S. EPA, LADCO states, OTC states, SCAQMD, and all other current North American VOC regulations.

Precautions

KEEP FROM FREEZING. DO NOT OVER-APPLY CMC Premium Release WB TO FORMS AND EQUIPMENT. DO NOT DILUTE. Surface tensions of certain plastic forms may prevent adequate "wet-out" of CMC Premium Release WB. A small test patch application is recommended to ensure uniform coverage of CMC Premium Release WB. If, after application, CMC Premium Release WB exhibits beads on the surface, it is recommended to break the beads with a cheese cloth or brush.

Health Hazards

Direct contact may cause mild to moderate irritation of the skin and eyes. Refer to Safety Data Sheet for complete health and safety information.

LEED Information

May help contribute to LEED credits:

- IEQ Credit 4.2: Low-Emitting Materials: Paints and Coatings
- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

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