



SEI CONCRETE FORM RELEASE GCC-100

Description

GCC-100 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. GCC-100 meets maximum VOC content limits for Form Release Compounds as required by the U.S. EPA Architectural Coatings Rule. GCC-100 is environmentally friendly, biodegradable and is approved by the Australian Water Quality Center and by the USDA.

Uses

GCC-100 can be used on various types of forms (wood, steel, as well as fiberglass, aluminum and fiber tubes). GCC-100 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.

GCC-100 should be applied to fiber tube forms even though they may be pre-coated. Tubes will strip much easier, even 60 to 90 days later. If tubes are stripped in 5 to 10 days, hand rubbing is greatly facilitated when tubes are coated with GCC-100. GCC-100 cuts machine cleanup time and minimizes concrete build-up. Pavers, trucks, mixers, spreader-finishers, buggies, chutes, and other types of equipment should be sprayed daily. GCC-100 can be applied on forms for prestressed and precast concrete to produce a better and cleaner cast. The product will not stain or discolor concrete.

Features and Benefits

- Can be safely used inside or outside
- Produces a 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
- Prevents bonding between poured concrete and the form
- Breaks concrete bond between surface and 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: VOC content is less than 100g/L
- AQMD, VOC, AU Water Quality Center and USDA approved

Packaging

5 gallon (19L) Pails
55 gallon (208L) Drums
270-gal (1022L) Totes

Technical Data

Color: Opaque White
Viscosity, #4 Ford: Less than 15 seconds
Freezing Point: 32°F (0°C)
Staining: None

Application

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. Method of Application: Spraying is the ideal method of application. Use a Chapin 8001 spray tip that produces a flow of 1/10 of one gallon per minute. GCC-100 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 Release Guard II
Clean up: Tools and equipment used to apply GCC-100 clean up easily with soap and water.

Coverage:

600 to 1,500 sq. ft./gal. (14.73 to 36.82 sq.m./L) depending on the type and porosity of the form surface.

The following coverage rates are approximate:

<u>Form Surface</u>	<u>sq. ft./gal.</u>
Hard & Smooth	1,500 (approx.)
Pre-Oil Plywood	1,000 (approx.)
Untreated Plywood	600 (approx.)

DISCLAIMER:

The information provided is to be used as a guide and users should perform their own tests to ensure performance in their application. All data, statements, and recommendations made herein are based upon information we believe to be reliable, but are made without any representation, guarantee or warranty of accuracy. All statements, technical information and recommendations contained herein are based on tests SEI Chemical believes to be reliable, but the accuracy or completeness thereof is not guaranteed. SEI Chemical warrants SEI products will be free from defects when shipped to customer. SEI Chemical's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify SEI Chemical of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer. SEI Chemical shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of SEI Chemical. The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose in no case shall SEI Chemical be liable for incidental or consequential damages. Limited warranty, for industrial use only. Keep out of reach of children, keep containers tightly closed, not for internal consumption, consult material. Consult Material Safety Data Sheet for more information.