

FORM RELEASE 88

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Supersedes all previous publications



Product Description

FORM RELEASE 88™ is a general-purpose, chemically-active concrete release agent that reacts with alkalis from concrete to positively prevent bonding between the poured concrete and the form being used. FORM RELEASE 88™ is formulated to create a chemical reaction, resisting rain wash-off and deterioration from sun or heat, and will not stain concrete when applied properly and according to directions. FORM RELEASE 88™ is designed to be used on wood-, plywood-, steel-, composition-, fiberglass-, aluminum- and treated paper forms.

Installation

Before using this product, please refer to the Material Safety Data Sheet for additional information. Proper handling precautions MUST be followed. The conditions of use, handling, and application of this product and information (whether verbal or written), including any suggested formulations and recommendations, are beyond Lambert Corporation's control. Therefore, it is imperative that testing be performed to determine satisfaction and suitability for intended use and health, safety, and environmental issues. The following information is meant as a guideline of best industry practices. While Lambert Corporation does suggest adherence to these guidelines, unforeseeable variables and/or developed successful installer practices may cause variation in methods and/or results. Proper application is the responsibility of the user. Field visits by Lambert Corporation personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

Surface Preparation

It is very important for the formwork to be as clean and dry as possible and free from splashes of extraneous oils or greases, hardened concrete, tying wire, or other concrete contaminants. The application equipment used must be clean and not be used for any other kind of work.

Application / Placement

A thin film of FORM RELEASE 88™ assures a positive release and leaves an unstained architectural surface that minimizes surface voids and prevents surface glaze. The method of application must be related to the particular job, to the type of forms, and to the type of release agent used. Application of FORM RELEASE 88™ is usually by spray, brush, or roller. Spraying is the preferred method of application. Airless spray is more satisfactory than compressed air sprays for large job applications. For small applications, an adequate hand pressurized industrial pump sprayer may be used. Spraying pressure should be 25-30 PSI or higher. Flat spray tips produce the uniform and thinnest film of release agent.

Forms should be coated prior to each use, with a thin film of FORM RELEASE 88™, assuring a positive release, leaving an unstained architectural surface that minimizes surface voids and glaze. Prior to coating new plywood forms, apply one or two heavy brush coats to edges for waterproofing protection. FORM RELEASE 88™ works best when applied to forms lying flat on the ground. Spread uniformly with cross spray to avoid pinholes and uncoated areas. When forms are vertical, a thin uniform application is important. Care should be exercised to avoid over application. Wipe up excess material that puddles inside formed areas. See product Safety Data Sheet for further details.

Limitations

All forms should be dry at time of application. It is not uncommon for FORM RELEASE 88™ to wash off surfaces exposed to hard rainfall, particularly if form surfaces were wet at time of form release application. Strong sunlight and/or drying winds are detrimental to release agents, especially if they are exposed to these conditions for long periods. Dilution with diesel fuel, mineral spirits, or other solvents, may lead to increased difficulty in stripping forms, an excess of concrete build-up on forms, and an increased chance of concrete staining. Improper vibration, placement techniques, sticky mixes and other influences may contribute to bug holes. FORM RELEASE 88™ may cause dusting if over-applied.

FORM RELEASE 88™ is not a tilt-up bond breaker. Do not use with black rubber forms. Black rubber forms will degrade rapidly when used with FORM RELEASE 88™. Not recommended for use as a release for patterned or stamped concrete, or for use when forms are to be removed in less than 12 hours unless heat is used to speed curing time. Lambert does not recommend usage with zinc galvanized sprayers.

Pretreatment with FORM RELEASE 88™ is necessary on many untreated wood forms and plywood surfaces because wood densities vary (particularly those of softwood species). Any projection from a form face that prevents free movement of concrete at the interface is likely to produce defects in the finish. The absence of FORM RELEASE 88™ on shiny, impermeable formwork may leave a dark discoloration in the concrete surface, conversely an excess can cause blowholes, dusting, retardation, and staining.

The conditions of use and application of FORM RELEASE 88™ and information (whether verbal or written), including any suggested recommendations are beyond our control. Therefore, it is imperative that you test our product and information to determine to your own satisfaction whether it is suitable for your intended use and application. This application or specific analysis must include testing to determine suitability from a technical as well as health, safety, and environmental standpoint.

 www.lambertusa.com LAMBCO® FORM RELEASE 88 CONCRETE FORM RELEASE AGENT FOR INDUSTRIAL USE ONLY Review Product Data & Material Safety Data Sheet (MSDS) prior to usage. Do not use until completely familiar with instructions for use. VOC RATING: In accordance with federal regulations VOC content is less than 40g/L (1.3 lbs/gal) EXPOSED LIMITED WARRANTY AND LIMITATION OF LIABILITY Please refer to the back of the product for complete terms and conditions. Lambert Corp. ("Lambert") warrants that if any goods supplied prove defective in workmanship or material, that seller shall replace them or refund their purchase price. This warranty is made in lieu of any and all other warranties, expressed or implied, including warranties of merchantability and of fitness which are hereby disclaimed. It is understood and agreed that buyer's sole remedy, and therefore seller's liability, whether or not caused, and under any remedy, is negligence or otherwise, shall be limited to the extent of the purchase price paid by Purchaser or replacement of any defective goods sold by seller. Under no circumstances shall seller be liable for special, indirect, or consequential damages. Before application, the Purchaser/ User shall determine the suitability of the product for their intended use and Purchaser/ User assumes all risks and liabilities whatsoever in connection therewith. The terms of this paragraph may not be orally modified. There are no warranties which extend beyond the face hereof.	Packaging: 5-Gallons (18.9-Liters) Pail 55-Gallons (208.2-Liters) Drum 270-Gallons (1022-Liters) Tote
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Technical Information

Applicable Standards - Corps of Engineers CEGS-03300, Section 10.8 Form Coating

Properties		
Color	Amber	
Flash Point	>295°F (>146.1°C)	
Dry Time	Approximately 5 to 10 minutes	
Approximate Coverage Rates (see below information in "Coverage" Section)		
Hard, Smooth Surfaces	1500 ft ² /gal	36.8 m ² /L
Pre-Treated Plywood	1200 ft ² /gal	29.5 m ² /L
Untreated Plywood	800 ft ² /gal	19.6 m ² /L
BB Ply Form	800 ft ² /gal	19.6 m ² /L
High Density Plywood	1200 ft ² /gal	29.5 m ² /L
Coated Ply Form Plastic	1500 ft ² /gal	36.8 m ² /L
Fiberglass	1500 ft ² /gal	36.8 m ² /L
Metal	1000 ft ² /gal	24.5 m ² /L
Paper Cardboard	650 ft ² /gal	16 m ² /L

Coverage

Texture and absorption of forming material will influence coverage rates. It is important when using new wood forms of all types that FORM RELEASE 88™ be applied and re-applied until complete saturation has been achieved.

Clean-Up

Clean brushes, tools, rollers and other equipment with mineral spirits or lacquer thinner. Refer to product Safety Data Sheet for further information.

First Aid

Avoid contact with skin and wash exposed skin areas promptly with soap and water; seek medical attention if irritation persists. If any product gets into eyes, rinse immediately and repeatedly with water and get prompt medical attention. Avoid direct inhalation exposure. If inhalation occurs, remove to fresh air area. If any discomfort or breathing issues occur, seek immediate medical attention. Refer to product Safety Data Sheet for further information.

VOC Content

<250 -g/L or <2.1-lbs/gal less exempt content

KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

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FORM RELEASES