DEBOND®

DEBOND is a non-staining, low VOC, concrete form release for application to all types of concrete forms. DEBOND is a fast-drying, ready-to-use, sprayable liquid that is low odor. DEBOND forms a water-resistant chemical barrier and reacts with the alkalies in the concrete to prevent concrete sticking or buildup on forms, equipment and accessories coming in contact with concrete.

The resulting concrete is stain and residue-free, ready to receive paints, mortar, moisture proofers, plaster or other toppings. DEBOND is a specially balanced combination of highly refined fatty acids carried in a non-staining, non-residual petroleum mineral oil. DEBOND is free of kerosene, oils, diesel fuel, fuel oils, waxes and resins. It is non-toxic and non-irritating. DEBOND is not harmful to concrete surfaces. In addition, DEBOND resists rain wash off and will not break down under heat or sun. Forms can be coated up to five weeks prior to pouring concrete.

FEATURES/BENEFITS

- Premium quality release for prestress and precast plants
- Helps minimize concrete buildup and bug holes
- Non-residual, nonstaining
- Low VOC
- Effective over all types of forms in all types of weather
- Resists rain washoff
- Apply in sub-freezing weather

USES

DEBOND allows concrete to release chemically from various media such as steel, plywood, aluminum, and composition forms. DEBOND is ready-to-use and can be applied by sprayer, or other conventional methods. The film dries rapidly; reducing dust accumulation, offers nonslip placement, and resists normal rain wash off. Forms strip clean, eliminating concrete repair. The regular use of DEBOND minimizes bug holes. DEBOND protects and maintains forms.

MANUFACTURER/DISTRIBUTED BY

LATICRETE South East Asia Pte Ltd (Level 2, A3)
No. 38 Sungei Kadut, Street 2, Singapore 729245
Telephone: +65 6515 3028 Fax: +65 6515 3037
Internet: se.laticrete.com

STANDARDS/CERTIFICATIONS

- Corps of Engineers CEGS 03300, CW03101
- Bureau of Reclamation.
- State Highway Departments and Government Agencies
- FS TTW572
- Low VOC
- Corps of Engineers CE204, CE1401.
Suitable Substrates
- Concrete forms

Packaging
20L

Approximate Coverage
 Prestress and precast: 3550m²/L
 Steel, plastic, fiberglass: 20-30 m²/L
 Wood and other porous forms: 15-20 m²/L

For pipe plants, block plants, paving equipment: Coat lightly before each use.

Shelf Life
Shelf life is a minimum of two years in unopened containers when properly stored.

Limitations
- Not recommended for tiltup construction, unsealed plaster or concrete molds, or over forms with standing water
- Do not apply in rain
- Do not over apply or allow to puddle

Cautions
- Consult SDS for more safety information
- DEBOND® drums are to be kept tightly closed. If stored outside, place drums on sides to prevent water contamination through bungs.
- Keep out of reach of children

Mock-ups and field test areas are required in order to validate performance and appearance related characteristics (including but not limited to color, inherent surface variations, wear, anti-dusting, abrasion resistance, chemical resistance, stain resistance, coefficient of friction, etc.) to ensure system performance as specified for the intended use, and to determine approval of the decorative flooring system.

INSTALLATION
Surface Preparation: Form surfaces should be clean and dry. For architectural concrete, careful cleaning of form panels to remove all rust, scale, concrete, dirt and existing form oils is essential. Replace damaged and worn forms prior to treatment.

Application: Apply a thin coat of DEBOND in a uniform manner by sprayer or roller without puddling. Hold spray nozzle between 12”-18” (30-46 cm) from form surface. On all applications, a thin coat should be applied prior to each pour for best results.

AVAILABILITY AND COST
Availability
LATICRETE® materials are available worldwide. For distributor information, call:
Telephone: (65) 65153028
Fax: (65) 65153037
For online distributor information, visit LATICRETE at se.laticrete.com

Cost
Contact a LATICRETE Distributor in your area.

WARRANTY
Subject to the conditions and limitations stated below, LATICRETE South East Asia Pte Ltd warrants that its products will be free from manufacturing defects and will not break down or deteriorate under normal usage for a period of one (1) year from the date of purchase when installed in accordance with the written specifications of LATICRETE and industry standard guidelines.

MAINTENANCE
Non-finish LATICRETE and LATAPOXY installation materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers. Periodic light applications are recommended to maintain gloss and protection.

TECHNICAL SERVICES/CONTACT
Technical Assistance
Information is available by calling:

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Technical and safety literature
To acquire technical and safety literature, please visit our website at
se.laticrete.com