



EVERBOND™

DS-176.2-1214

A product brand of LATICRETE International, Inc.



1. PRODUCT NAME

EVERBOND™

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

EVERBOND is a versatile acrylic polymer emulsion that can be used either as a bonding adhesive or as an admixture that enhances portland cement-based mixes, giving these mixes improved flexural, tensile and bond strength. EVERBOND is a milky white, high solids emulsion that will not re-emulsify upon exposure to water, and is non-oxidizing and ultraviolet light stable. EVERBOND, when used as a bonding agent, becomes an integral part of the interface between the cementitious material and the surface to be bonded. EVERBOND creates a strong bond between materials to be bonded.

Uses

EVERBOND permits the improved adhesion of cementitious materials such as concrete toppings, stucco and terrazzo to structurally sound concrete, plaster or masonry.

EVERBOND is used in three simple ways:

As an admixture: EVERBOND can be added to portland cement-based repair mortars to increase their adhesion, freeze-thaw resistance, flexural strength, and durability.

As a bonding agent: When used full strength EVERBOND bonds concrete repairs that are made in sidewalks, driveways, steps, floors, brick pointing and stucco. It will help bond portland cement mortars to brick, concrete block, clay tile, marble and even glass block.

As a bonding slurry: EVERBOND can be added to portland cement to create a very strong and effective bonding slurry for concrete toppings and repair materials.

Advantages

- Improved adhesion between cementitious materials
- Use as bonding adhesive or admixture
- High abrasion resistance
- Rapid drying time

Suitable Substrates

- Existing concrete
- Brick
- Concrete Block
- Clay Tile
- Marble
- Glass Block

Packaging

1 Gal (3.8 L)
5 Gal (18.9 L)
55 Gal (208 L)

Approximate Coverage

Roughened concrete: 200-300 ft²/gal (4.9-7.4 m²/L)
Plaster or smooth concrete: 300-400 ft²/gal (7.4-9.8 m²/L)

Shelf Life

EVERBOND containers are to be kept tightly sealed and stored in a clean, dry area between 45-100°F (7-38°C). Shelf life is a minimum of one year when stored properly. Do not allow to freeze.

Limitations

- Surfaces to which EVERBOND is applied must be clean and structurally sound
- Do not apply over frozen surfaces, water soluble paints, rust, laitance or peeling paint
- Apply at temperatures of 40°F (4°C) and rising
- Do not use as an admixture with concrete or mortar mixes containing air entraining admixtures
- Do not expose newly placed EVERBOND-modified cement mixes to water immersion for at least 24 hours

- Protect EVERBOND™ film from dirt or other contaminants until topping is placed
- Do not allow film or slurry to dry before placing repair mortar or topping
- Cover with wet burlap in hot weather to protect from rapid drying. Do not cure EVERBOND modified mortars on toppings with solvent based curing compounds

Cautions

- Consult SDS for more safety information
- Protect finished work from traffic until fully cured
- 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.

4. TECHNICAL DATA

Applicable Standards and Test Method

ASTM C 1059, Type II
 ASTM C 1042, Type II
 MIL-B-19235(docks) Bonding Compound
 GSA Specification for Bonding Adhesive
 Low VOC

Physical Properties

Property	Observed
Tensile Strength ASTM C190	600 psi (4.1 MPa)
Shear Strength ASTM C 1042 Slurry Coat	>1250 psi (8.6 MPa) 2100 psi (14.5 MPa)
Flexural Strength ASTM C 78	725 psi (5 MPa)
Freeze Thaw Scaling ASTM C 672	No scaling
Abrasion resistance	Good resistance
Dry time (2 mil film) 70°F (21°C)	1 hour
VOC	25 g/L

Specifications are subject to change without notification. Technical data shown in product data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary due to critical job site factors. All recommendations, statements and technical data contained in this data sheet are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind. Satisfactory results depend upon many factors beyond the control of LATICRETE International, Inc. User shall rely on their own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from their direct use, indirect use or consequential to their use of the product. LATICRETE shall not be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.

5. INSTALLATION

Preparatory Work: All surfaces must be clean, sound and free of all dust, curing compounds, oil, dirt, efflorescence, mildew or loose material. Dull all shiny surfaces mechanically. Thoroughly pre-dampen all concrete surfaces with clean potable water to a saturated, surface dry (SSD) condition to reduce absorption.

Methods of Application: Apply EVERBOND by brush, spray or roller in a thin continuous film. Broom out puddles before installing topping. Do not allow to dry.

Flatwork Repairs: Concrete toppings should be a minimum of 3/4" (19 mm) and are to be butted to a temporary vertical edge. Place EVERBOND and cement bonding slurry first, followed by repair mortar. Place within 20 minutes. Avoid overworking.

EVERBOND™ Reinforced Floor Toppings: A reinforced floor topping is suitable for feather-edge work in light traffic areas. Place bonding slurry first. Do not overmix. Allow topping to cure a minimum of four days before exposing it to heavy wheeled traffic.

6. AVAILABILITY AND COST

Availability

L&M™ and LATICRETE® materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.800.243.4788
 Telephone: +1.203.393.0010

For on-line distributor information, visit LATICRETE at www.lmcc.com.

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM:

DS 230.13: LATICRETE Product Warranty

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.800.243.4788, ext. 235
 Telephone: +1.203.393.0010, ext. 235
 Fax: +1.203.393.1948

Technical and Safety Literature

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

10. FILING SYSTEM

Additional product information is available on our website at www.laticrete.com. The following is a list of related documents:

DS 230.13: LATICRETE Product Warranty