



L&M™ EVERBOND™

DS-176.2F-0823

**Globally Proven
Construction Solutions**



1. NOM DU PRODUIT

L&M™ EVERBOND™

2. FABRICANT

LATICRETE International, Inc.

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3. DESCRIPTION DU PRODUIT

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.

Utilisation

- EVERBOND improves the adhesion of cementitious materials such as concrete toppings, stucco and terrazzo to structurally sound concrete, plaster or masonry.
- EVERBOND may be used as an admix by adding to portland cement-based repair mortars to increase

their adhesion, freeze-thaw resistance, flexural strength, and durability.

- EVERBOND may be used as a bonding agent when applied at full strength to aid in bonding concrete repairs 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.
- EVERBOND may be used as a bonding slurry/bonding grout when added to portland cement to create a very strong and effective bonding slurry for concrete toppings and repair materials.

Avantages

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

Supports Appropriés

Conditionnement

3,8 L (1 gal), 18,9 L (5 gal), 208 L (55 gal)

Couverture approximative

Finish	Approximate Coverage
Roughened Concrete	200-300 ft ² /gal (4.9-7.4 m ² /L)
Plaster or Smooth Concrete	300-400 ft ² /gal (7.4-9.8 m ² /L)
Bonding Slurry over CSP 8-10 Concrete	80-100 ft ² /gal (2.0 - 2.5 m ² /L)

Restrictions

- 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

Mises en garde

- Consult SDS for 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. DONNÉES TECHNIQUES

Informations COV/LEED sur le produit

25 g/L

Propriétés physiques

Property	Standard	Results
Tensile Strength	ASTM C190	600 psi (4.1 MPa)
Shear Strength	ASTM C1042	>1250 psi (8.6 MPa)
Shear Strength (Slurry Coat)	ASTM C1042	2100 psi (14.5 MPa)
Flexural Strength	ASTM C78	725 psi (5 MPa)
Freeze Thaw Scaling	ASTM C672	No scaling
Abrasion resistance	---	Good resistance

Propriétés d'utilisation

Property	Results
Dry time (2 mil film) at 70F (21C)	1 hour

Caractéristiques sous réserve de modification sans préavis. Les résultats présentés sont typiques, mais ils reflètent les procédures d'essai utilisées. Les performances réelles sur le terrain dépendent des méthodes de pose et des conditions locales.

5. POSE

Surface Preparation:

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.

Application:

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

Bonding Slurry/Bonding Grout:

Place bonding slurry first. Prepare the bonding slurry by adding equal amounts by volume, L&M EVERBOND and dry portland cement (example: 1 gallon of EVERBOND to 1 gallon of dry portland cement) into a bucket then drill mix to a creamy, thick paint like consistency. The bonding slurry should be applied to the floor in segments keeping only a short distance ahead of the placing of concrete topping. Pour and scrub or broom the bonding slurry thoroughly into the prepared concrete base slab. Do not leave puddles of bonding slurry mix on the surface. The bonding slurry must remain wet and tacky. Re-apply bonding slurry to areas that are dry and not tacky to the touch before installation of concrete topping. Do not overmix. Allow topping to cure a minimum of four days before exposing it to heavy wheeled traffic.

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. DISPONIBILITÉ ET CÔÛT

Disponibilité

Les produits LATICRETE® et LATAPOXY® sont proposés dans le monde entier.

Appeler un des numéros suivants pour obtenir des informations relatives aux distributeurs:

Numéro sans frais: 1.800.243.4788

Téléphone: +1.203.393.0010

Pour obtenir de l'information en ligne de distributeurs, visiter LATICRETE à l'adresse suivante laticrete.com

Coût

Communiquez avec le distributeur LATICRETE le plus proche.

7. GARANTIE

Voir 10. SYSTÈME DE CLASSIFICATION:

9. SERVICES TECHNIQUES

Soutien technique

Pour tout renseignement, appeler la ligne d'aide du service technique de LATICRETE:

Numéro sans frais: 1.800.243.4788, ext. 1235
Téléphone: +1.203.393.0010, ext. 1235
Télécopieur: +1.203.393.1948

Documentation technique et de sécurité

Pour obtenir la documentation technique et les consignes de sécurité, visiter notre site Web à laticrete.com.

10. SYSTÈME DE CLASSIFICATION

Des informations supplémentaires sur les produits sont disponibles sur notre site Web à laticrete.com. Liste des documents connexes:

- DS 230.13: LATICRETE Product Warranty

LATICRETE International, Inc.

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