

EVERWELD II™

Concentrated Surface Bonding Agent for
Concrete, Stucco and Plaster,

MANUFACTURER

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PRODUCT DESCRIPTION

EVERWELD II is a concentrated poly-vinyl acetate (PVA) bonding agent that is non-oxidizing and ultra-violet stable. EVERWELD II is a one part, film forming, rewettable adhesive. It becomes an integral part of the interface between a cementitious material and the surface to be bonded. EVERWELD II creates multiple bonds between materials.

EVERWELD II penetrates the crystalline structure of both the new and existing materials to be bonded, forming a positive permanent adhesive bond between the two materials. EVERWELD II is applied as a liquid and dries to a flexible film. Bond strength is achieved after the concrete is cured.

Basic Use: EVERWELD II permits the adhesion of cementitious materials such as concrete toppings, stucco, terrazzo and ceramic tile setting beds to structurally sound surfaces.

EVERWELD II can be effective wherever concrete repairs are made. It will bond concrete to brick, concrete block, clay tile, marble, metal and even glass block. In addition, EVERWELD II can be used to bond stucco and portland cement plaster to interior surfaces or bond new concrete to old when used as an admixture. EVERWELD II minimizes cracks in concrete, stucco and plaster.

FEATURES & BENEFITS

- Strong bond.
- Re-wettable.
- Easy to apply.
- Concentrated for economy.

ESTIMATING

EVERWELD II is available in 1-gallon (3.8-liter), 5 gallon (18.9-liter), and 55-gallon (208 liter) containers. Containers are identified with product name and batch number.

Coverage Rates: After dilution with 50:50 water.
Roughened Concrete

200-300 ft²/gallon (5-7.5 m²/liter)

Plaster or smooth concrete

300-400 ft²/gallon (7.5-10 m²/liter)

TECHNICAL DATA

Applicable Standards:

ASTM C 932
ASTM C 1042, Type 1
ASTM C 1059, Type 1
GSA Bonding Compound, Concrete
VOC Compliant

INSTALLATION

Preparation: Mix 1 part EVERWELD II with 1 part water. Mix well. Surfaces to which EVERWELD II is to be applied must be clean, structurally sound, free of water soluble materials, waxes or oily materials. Predampen clean surfaces before application.

Application: Must be diluted before use. Apply EVERWELD II by brush, spray or roller in a thin continuous film. Do not puddle. Coverage is dependent on surface porosity. Stir before using. Allow film to become tacky or dry before placing topping. Protect EVERWELD II film from dirt or other contaminants until topping is placed.

Flatwork Repairs (interior only): Concrete toppings exposed to vehicle traffic should be a minimum of 3/4" (20mm) thick and are to be placed to an adjacent, vertical edge. Follow ACI standards in preparing, placing and curing concrete toppings.

Reinforced Floor Toppings: Replace 1/4 mixing water with EVERWELD II. Mix as usual. This polymer reinforced floor topping is suitable for featheredge work in light traffic areas. Use reinforced floor topping to fill non-moving cracks and joints. Fill deep cracks in layers.

Plaster and Stucco, One-Coat Work: Apply scratch coat of cement plaster or stucco over EVERWELD II treated concrete. Follow immediately with up to a 1/4" (6mm) thick topping. Wood float surface and finish as desired.

Two-Coat Work (over brick or block): Apply first topping coat 3/8" (10mm) thick over EVERWELD II treated surfaces. Allow base course to achieve final set and then apply finish coat.

FOR BEST RESULTS:

- EVERWELD II should not be used on substrates where water pressure or internal dampness persist.
- Do not apply over frozen surfaces, water soluble paints, rust, laitance or peeling paint.
- Apply at temperatures of 50° F (10°C) and rising.
- Thoroughly pre-dampen concrete before application.
- EVERWELD II is rewettable and is not recommended for continuously wet or exterior horizontal application.
- Must be diluted before use.



EVERWELD II



PRECAUTIONS

Keep from freezing. Avoid contact with skin, eyes and clothing. Wear skin and eye protection. Wash thoroughly after handling. Do not take internally.

Please refer to Product Material Safety Data Sheet (MSDS) before using.

STORAGE/SHELF LIFE

EVERWELD II II containers are to be kept tightly sealed and stored in a cool dry place between 45-100° F (7-36°C) Do not allow to freeze. Shelf life is a minimum of one year in factory sealed containers when stored properly.

WEBSITE

L&M's convenient internet website offers instant access to Tech Data Sheets, Material Safety Data Sheets, product updates, and other useful information. Visit www.lmcc.com and follow the easy steps. L&M is ready to respond to your concrete information needs - anytime - anywhere!

LIMITED WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to L&M Construction Chemicals ("L&M") quality control standards. All recommendations, statements and technical data herein 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, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond L&M's control. User shall rely on his or her 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 his or her direct use, indirect use or consequential to their use of the product. L&M shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. L&M's sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.

For Professional Use Only.

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