



BondCrete

A Poly-vinyl Acetate Bonding Agent for Cementitious Products



Coverage

Approximately 200ft² to 300ft² (18.6m² to 27.9m²) per gallon. Coverage may vary due to ambient temperature, surface temperature, surface porosity, mixing methods, and/or application methods.

Packaging

1 gallon (3.8L) bottles
5 gallon (18.9L) pails

Storage

1. Store pails in a cool, dry location.
2. Store at a temperature between 40°F (4°C) and 90°F (32°C).
3. Store out of direct sunlight.
4. Protect pails from weather and other damage.

Shelf Life

2 year

Color

Gold color to ensure proper coverage of surfaces

Product Description

BondCrete is a superior liquid bonding agent composed of a polyvinyl acetate homopolymer resin specially designed to bond new portland cement-based and gypsum plaster products to existing properly prepared cement-based substrates.

Features

- VOC Compliant
- Brush, Roller, or Spray Application
- Re-emulsifying
- Cost Effective
- Easy to Use
- Tinted

Benefits

- Low odor and toxicity
- Wide variety of application methods
- May be allowed to dry prior to the application of the cement based materials
- Compared to sand-blasting or removing existing substrates in preparation for new coating
- Premixed with no additions required; cleans up with water
- Helps insure proper coverage

Basic Uses

BondCrete is designed for exterior and interior use to bond new concrete, portland cement plaster, cementitious products, and gypsum plaster mixes to structurally sound concrete substrates.

Meets ASTM C932.

Area of Use

As a bonding agent over:

1. One coat products
2. Brown coat
3. Stucco
4. Masonry
5. Poured-in-place and/or tilt-up concrete
6. Approved Omega base coats
7. Gypsum plaster
8. Acrylic or water-based paints
9. Mortar setting beds; fast set mortar
10. Grout

NOTE: Contact an Omega representative for use in other products.

Surface Preparation

All surfaces to receive the application must be clean and free of debris, dirt, dust, efflorescence, grease, oils, curing agents, and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities. Repair all cracks with the appropriate patching material for the existing substrate. Glossy surfaces must be roughened to ensure a proper bond.

Mixing

Mix the BondCrete thoroughly, immediately prior to use.

THIS PRODUCT IS NOT TO BE DILUTED.

Application

BondCrete may be applied with a brush, roller, or airless sprayer.

1. Ensure that the receiving surface has been properly prepared according to the Surface Preparation section of this Product Data Sheet.
2. Apply a coat of BondCrete onto the receiving surface when surface is dry or damp, but not wet.
3. Apply the desired finish when the BondCrete becomes tacky to the touch or up to 10 days later.

NOTE: Protect product from inclement weather.

Drying

Drying time may be as little as one hour depending on surface and ambient temperatures and surface porosity. Protect the applied area from inclement weather until the application of new coating is installed. Do not allow product to freeze until fully dry.

Limitations

DO NOT use BondCrete when the ambient and/or surface temperatures are below 40°F (4°C).

DO NOT add any other materials to the mixture of the product without written approval from Omega Products International.

DO NOT deviate in the mixing or application procedures contained in this, or any other Omega Product Data Sheets, without written approval from Omega Products International.

DO NOT apply BondCrete if there are contaminants on the receiving surface. Contaminates may include, but are not limited to, dust, debris, efflorescence, and/or oils.

DO NOT use BondCrete as an admixture.

NOTE: Failure to follow manufacturer's written specifications could result in the following, but not limited to spalling, cracking, peeling, chipping, delamination, discoloration, wash off, and overall system failure.

Cleaning

Cleaning may be accomplished with water immediately after use.

Safety

Avoid contact with eyes or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush immediately with running water for at least 15 minutes. Consult a physician immediately. Do not take internally. Be sure to provide adequate ventilation in enclosed areas. Use of an approved respirator is recommended.

KEEP OUT OF REACH OF CHILDREN

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turer shall be the replacement of products actually proven to be defective. Handling and use of the products are beyond the control of Manufacturer; therefore, no warranty is made, expressed or implied, as to the results obtained from the use of the product or against any claims for infringement of patents resulting from use of the product. Under no circumstance shall Manufacturer be liable for incidental or consequential damages arising out of the use or the improper application of the product. Before applying the product, the user shall determine the suitability of the product

for his/her independent use, assuming all risks and liability whatsoever in connection therewith. This writing constitutes a complete and exclusive statement of the understanding between Manufacturer and Buyer.

Claims

Any Claimant shall notify Manufacturer immediately in writing of any alleged defect in the material. Claimant will provide Manufacturer with a reasonable and exclusive opportunity to investigate and test for the alleged defect.

For any claim that is not valid Claimant agrees to pay Omega's reasonable charges, including travel and labor associated with investigation of such claim.

Technical Assistance

Technical assistance and information is available by calling Omega Products International at (800) 600-6634 or FAX (951) 520-2594 or by e-mail at info@omega-products.com.

Warranty

The following is made in lieu of all expressed and implied rights, warranties and conditions, statutory or otherwise. The manufacturer's only obligation shall be to replace such quantity of products proven to be defective within one year following the date of manufacture, provided that the alleged defective product is returned prepaid to the manufacturer's plant and is accompanied with proof of purchase and batch number.