



Last Revised: May 2004

DRYBOND

A POLYMER-MODIFIED CEMENT ADHESIVE AND BASE COAT

DESCRIPTION:

DryBond is a high-performance, dry blend, polymer-modified cement adhesive and base coat manufactured with high-grade aggregates, cement, and polymers.

BASIC USES:

DryBond is designed for use as an adhesive or base coat in the Omega AkroFlex Class PB, Water Managed AkroFlex Class PB, or AkroGold DEF Systems. DryBond may be used as an adhesive and base coat for EPS foam shapes and as a leveling coat over approved substrates.

COLOR:

DryBond is packaged in its natural gray or white color.

PACKAGING:

DryBond is packaged in moisture resistive, 50lb. (22.68Kg.) bags.

STORAGE:

1. Store bags in a cool, dry location.
2. Store away from direct contact with the ground and/or concrete.
3. Store out of direct sunlight.
4. Protect bags from weather and other damage.

COVERAGE:

The coverage of DryBond is approximately 80ft² to 90ft² (7.4m² to 8.4m²). Coverage may vary due to ambient temperature, surface temperature, surface porosity, and/or application methods.

AREA OF USE:

DryBond may be applied to the following substrates:

1. Paper-faced gypsum sheathing
2. Fiber mat-faced gypsum sheathing
3. Cement backer board
4. Masonry
5. Poured-in-place and/or Tilt-up concrete
6. Expanded Polystyrene Insulation Board
7. Other approved cementitious substrates

SURFACE PREPARATION:

All surfaces to receive application must be clean and free of debris, dirt and dust, efflorescence, grease, oils, curing agents and cleaning solutions. Ensure that all surfaces are smooth and free of any irregularities. Painted or glossy

surfaces must be roughened to ensure a proper bond. Repair all cracks with the appropriate patching material for the existing substrate.

MIXING:

1. Add 1.5 gallons (5.7L) of clean, potable water to a clean 5 gallon pail.
2. Slowly add one bag of DryBond to the water while continuously mixing with a Jiffy-type mixer.
3. Mix thoroughly for a minimum of 3 to 5 minutes.
4. Stop mixing and allow the material to take its initial set.
5. Re-temper the material adding only enough water to reach the desired consistency.

APPLICATION:

For Use As An Adhesive

1. Apply the DryBond to the back of the EPS Insulation Board with an approved notched trowel.
2. Apply the DryBond side of the insulation board to the substrate.
3. Ensure that the entire piece of insulation board has been firmly attached to the substrate.
4. Allow the DryBond to set for a minimum of 24 hours prior to working on the insulation board.

For Use As A Base Coat

1. Apply the DryBond to the substrate a minimum of 1/16" (1.6 mm) thick.
2. Completely embed Omega Reinforcing Mesh into this coat.
3. Trowel smooth, ensuring that no Omega Reinforcing Mesh is visible.

For Use As A Leveling Coat

1. Apply the material to the area needed to be leveled.
2. Application method will vary due to job conditions.

For Use With EPS Foam Shapes

1. Apply the DryBond to the back of the foam shape with an approved notched trowel
2. Apply the base coat to the foam shape a minimum of 1/16" (1.6mm) thick.
3. Completely embed Omega Reinforcing Mesh into this coat.
4. Trowel smooth, ensuring that no Omega Reinforcing Mesh is visible.

NOTE: Protect applied product from inclement weather until fully cured or finish is applied.

CURING:

Product should fully cure in 7 to 28 days following application. Curing time may vary due to ambient temperature, surface temperature surface porosity, application methods, and/or thickness of material. All freshly applied material must be protected by an approved protective system from inclement weather for a minimum of 24 hours at 70°F (21°C) and 55% R.H. Approved protective systems shall be equal to the Sail System®. It is the responsibility of the applicator to determine if the product is cured and/or dry prior to exposing it to rain, snow, dew, and/or any other inclement weather condition that may be detrimental to the product.

LIMITATIONS:

DO NOT apply product when the ambient and surface temperature is below 40°F/4°C. The ambient and surface temperature must stay consistently within this range until fully cured (see also CURING). Material that is allowed to freeze may suffer irreparable damage. Protect all work from inclement weather with an approved protective system until fully cured. Approved protective systems shall be equal to the Sail System®.

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

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, Inc.

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

DO NOT add any more water than prescribed.

DO NOT use a Jiffy-type mixer that exceeds 500 RPM.

DO NOT saturate the wall with water during preparation.

DO NOT leave DryBond in its applied state.

DO NOT apply stucco to the DryBond without the use of an acrylic bonding agent. The addition of 32-48 fl. oz. of Omega Acrylic Bonder per sack of stucco is recommended.

CLEANING:

Cleaning may be accomplished with water immediately after use.

NOTE:

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

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

DISCLAIMER:

Omega Products International, Inc. [Manufacturer] MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PRODUCT SOLD HEREIN. The recommendations, suggestions, statements and technical data are based on the best knowledge available to Manufacturer and are given for informational purposes ONLY and without any responsibility for their use. It is expressly understood and agreed, as a condition of the use of this product, that the buyer's sole and exclusive remedy for any claimed defective product against Manufacturer 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, Inc. 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.