



# STYROGLUE DRYBOND

A POLYMER-MODIFIED CEMENT ADHESIVE AND BASE COAT

Last Revised: March 2002

## **DESCRIPTION:**

StyroGlue DryBond is a dry blend, Portland cement based, polymer-modified, adhesive and base coat material. It is light in color for better performance and application uses.

## **BASIC USES:**

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

## **COLOR:**

StyroGlue DryBond is packaged in a light gray color.

## **PACKAGING:**

StyroGlue DryBond is packaged in moisture resistive 50lb. (22.68kg.) bags.

## **STORAGE:**

1. Store bags in a cool, dry location.
2. Do not store in 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 StyroGlue DryBond is approximately 80ft<sup>2</sup> to 90ft<sup>2</sup> (7.4m<sup>2</sup> to 8.4m<sup>2</sup>). Coverage may vary due to ambient temperature, surface temperature, surface porosity, and/or application methods.

## **AREA OF USE:**

StyroGlue DryBond may be applied to the following substrates:

1. Exterior grade 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 substrates as approved by Omega Products International, Inc.

## **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 1.75 gallons (6.6 L) of clean, potable water to a clean 5 gallon pail.
2. Slowly add one bag of StyroGlue 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 approximately 5 to 10 minutes 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 StyroGlue DryBond to the back of the EPS Insulation Board with an approved notched trowel.
2. Apply the StyroGlue DryBond side of the insulation board to the substrate.
3. Ensure that the entire insulation board has been firmly attached to the substrate.
4. Allow the StyroGlue DryBond Adhesive to cure for a minimum of 24 hours prior to working on the insulation board.

### **For Use As A Base Coat**

1. Apply StyroGlue DryBond to the substrate a minimum of 1/16" (1.6mm) thick.
2. Completely embed Omega Reinforcing Mesh into this coat.
3. Trowel smooth, ensuring that no Omega Reinforcing Mesh is visible.
4. Allow the StyroGlue DryBond to cure for a minimum of 24 hours or until completely dry before applying finish.

### **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.
3. Do not exceed 1/4" thickness in a single pass.

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 or above 90°F/32°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 StyroGlue 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 StyroGlue DryBond in its applied state.

**DO NOT** apply stucco to the StyroGlue DryBond without the use of an acrylic bonding agent. The addition of 1 to 2 quarts 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**

## **WARRANTY:**

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## **CLAIMS:**

Owner shall notify Omega immediately in writing of any alleged defect in the material covered by this guarantee. Owner will provide Omega with reasonable opportunity to review and investigate the alleged defect. For any claim presented under the guarantee, Omega will provide the owner with a remedy as described above. For any claim that is not valid the owner will pay Omega 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 (909) 737-8636 or by e-mail at "info@omega-products.com".