



## STYROGLUE PLUS BASE

AN ACRYLIC-BASED WATER-RESISTANT BASE COAT FIELD MIXED WITH CEMENT

Last Revised: March 2002

### **DESCRIPTION:**

StyroGlue Plus Base is an acrylic-modified, water-resistant base coat manufactured with high-grade aggregates and a pure acrylic emulsion binder field mixed with Type I-II Portland cement meeting ASTM C-150.

### **BASIC USES:**

StyroGlue Plus Base is designed for use as a base coat in the Omega AkroFlex Class PB System, AkroFlex Plus Class PB System, Water Managed AkroFlex Class PB System, and the AkroGold DEF System where extra water resistance is required.

### **COLOR:**

StyroGlue Plus Base is packaged in its natural off-white color.

### **PACKAGING:**

StyroGlue Plus Base is packaged in 50lb. (22.7kg) 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. Do not store in direct contact with the ground and/or concrete.
4. Store out of direct sunlight.
5. Protect pails from weather and other damage.

### **COVERAGE:**

The coverage of StyroGlue Plus Base is approximately 160ft<sup>2</sup> to 180ft<sup>2</sup> (14.9m<sup>2</sup> to 16.7m<sup>2</sup>). Coverage may vary due to ambient temperature, surface temperature, surface porosity, and/or application methods.

### **AREA OF USE:**

StyroGlue Plus Base 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 concrete 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. Repair all cracks with the appropriate patching material for the existing substrate. Painted or glossy surfaces must be roughened to ensure a proper bond.

### **MIXING:**

Cement must be mixed into the StyroGlue Plus Base prior to application.

1. Split one pail of StyroGlue Plus Base into two, clean, 5 gallon pails.
2. Add 50%, by volume, of Type I-II Portland cement.
3. Mix thoroughly for approximately 3 to 5 minutes using a Jiffy-type mixer.
4. Stop mixing and allow the material to take its initial set.
5. Re-temper the material adding a maximum of 8 oz. of clean, potable water to reach the desired consistency.

### **APPLICATION:**

1. Apply StyroGlue Plus Base 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.

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

### **CURING AND DRYING:**

Curing and/or drying time may vary due to climatic conditions, but should not take less than 24 hours at an ambient and surface temperature of 70° F (21° C) and 55% R.H. Variations in ambient and surface temperature and humidity may prolong curing and/or drying time. All freshly applied material must be protected by an approved protective system from inclement weather until fully dry and cured. Approved protective systems shall be equal to the Sail System®. It is the responsibility of the applicator to determine if the product is fully 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 and/or dry (see also CURING AND DRYING). Material that is allowed to freeze may suffer irreparable damage. Protect all work from inclement weather with an approved protective system until fully cured and/or dry. 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 Plus Base 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** leave StyroGlue Plus Base in its applied state.

### **CLEANING:**

Clean up 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:**

The recommendations, suggestions, statements and technical data are based on the best knowledge available to Omega Products International, Inc. and are given for informational purposes ONLY and without any responsibility for their use. Omega Products International, Inc. MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE PRODUCT SOLD HEREIN except that the quality of the ingredients shall be in accordance with Omega specifications. It is expressly understood and agreed that the buyer's sole and exclusive remedy shall be the replacement of defective products, and under no circumstance, shall Omega Products International, Inc. be liable for incidental or consequential damages. Omega Products International, Inc. neither assumes, nor authorizes, any others to assume for it any liability with respect to furnishing of the product. Handling and use of the products are beyond the control of Omega Products International, Inc.; 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. This writing constitutes a complete and exclusive statement of the understanding between Omega Products International, Inc. and buyer. There were no oral agreements or warranties, expressed or implied, collateral to or affecting the furnishing of the product. This understanding shall not be modified except in writing by an officer of Omega Products International, Inc.

### **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".