**StyroGlue Plus Base**

An Acrylic-based, Water-resistant Adhesive and Base Coat

**Product Description**

*StyroGlue Plus Base* is a 100% polymer-based, fiber reinforced, water-resistant base coat and adhesive, which is field mixed in a 1:1 ratio by weight with portland cement meeting ASTM C150. StyroGlue Plus is especially designed for areas likely to receive high moisture activity, such as sills, parapets, and sloped locations. StyroGlue Plus may be used as an adhesive and base coat for AkroFlex EIF Systems and skim coat over approved substrates.

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
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<tbody>
<tr>
<td><strong>Water-Resistant</strong></td>
<td>Increased resistance to moisture</td>
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<tr>
<td><strong>Excellent Workability</strong></td>
<td>Easy and quick to apply</td>
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<td><strong>Liquid Polymer</strong></td>
<td>Superior bond strength and flexibility</td>
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<tr>
<td><strong>Fiber Reinforced</strong></td>
<td>Additional strength and flexibility</td>
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<tr>
<td><strong>VOC Compliant</strong></td>
<td>Less than 5 g/L</td>
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**Basic Uses**

StyroGlue Plus Base is designed for use as an adhesive or base coat for the AkroFlex EIF Systems, AkroGold DEF Systems or EPS foam shapes. StyroGlue Plus Base can be used as a skim coat over base coats or approved substrates to add increased moisture resistance.

**Area of Use**

**As an adhesive to attach EPS foam to:**
1. Paper-faced gypsum sheathing
2. Fiberglass mat-faced gypsum sheathing
3. Cement backer board
4. Masonry
5. Poured-in-place and/or tilt-up concrete
6. Expanded Polystyrene (EPS) foam
7. Other approved cementitious substrates

**As a base over coat:**
1. EPS foam board
2. Fiberglass mat-faced gypsum sheathing or cement board
3. EPS foam shapes

**As a skim coat over:**
1. One coat stucco
2. Brown coat
3. Masonry
4. Poured-in-place and/or tilt-up concrete

**Coverage**
Approximately 160ft² to 180ft² (14.9m² to 16.7m²). Coverage may vary due to ambient temperature, surface temperature, surface porosity, and/or application methods.

**Packaging**
55lb (24.9kg), 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**
Natural off-white color

omega-products.com
Application Instructions

**Surface Preparation**

All surfaces to receive application must be structurally sound, 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 cracks with the appropriate patching material for the existing substrate as needed. Painted or glossy surfaces must be roughened to ensure a proper bond.

**Mixing**

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

**Application**

See the appropriate AkroFlex EIFS ICC-ES Evaluation Report for additional application instructions and requirements.

**For Use as an Adhesive**

1. Apply the StyroGlue Plus mix to the back of the EPS insulation board with an approved notched trowel.
2. Apply the StyroGlue Plus mix coated 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 StyroGlue Plus mix to set for a minimum of 24 hours prior to working on the insulation board.

**For Use as a Base Coat**

1. Apply the StyroGlue Plus mix to the substrate a minimum of 1/16” (1.6mm) thick.
2. Completely embed AkroFlex Reinforcing Mesh into this coat.
3. Trowel smooth, ensuring that no mesh is visible.

**For Use as a Skim Coat**

1. Apply the material to the area needing increased moisture resistance.
2. Application method will vary due to job conditions.

**For Use with EPS Foam Shapes**

1. Apply the StyroGlue Plus mix to the back of the foam shape with an approved notched trowel.
2. Firmly apply the StyroGlue Plus mix coated side of the foam shape to the substrate.
3. Apply the base coat to the foam shape a minimum of 1/16” (1.6mm) thick.
4. Completely embed Omega Reinforcing Mesh into this coat.
5. Trowel smooth, ensuring that no mesh is visible.

**Curing**

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. 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). The ambient and surface temperature must stay consistently within this range until fully cured and/or dry (see 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 and/or dry.

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 contaminates 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 paddle mixer that exceeds 500 RPM.

DO NOT leave StyroGlue Plus Base unfinished.

**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**