



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 (24.95kg), 5 gallon (18.92L) 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

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 may be used as an adhesive and base coat for AkroFlex EIF Systems and EPS foam shapes. StyroGlue Plus is highly water-resistant and can be used as a secondary water barrier.

Features

Liquid Polymer

Excellent Workability

Water Resistant

Fiber Reinforced

VOC Compliant

Benefits

Superior bond strength and flexibility

Easy and quick to apply

Increased resistance to moisture

Additional strength and flexibility

Less than 5 g/L

Basic Uses

StyroGlue Plus Base is designed for use as an adhesive or base coat for the AkroFlex EIF Systems or AkroGold DEF Systems. StyroGlue Plus Base may be used as an adhesive and base coat for EPS foam shapes and as a leveling coat over approved substrates in residential and commercial wall assemblies.

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
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

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 Jiffler-type 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 Base to the back of the EPS Insulation Board with an approved notched trowel.
2. Apply the StyroGlue Plus Base 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 Base 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 Base to the substrate a minimum of 1/16" (1.6 mm) thick.
2. Completely embed AkroFlex 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 to be leveled.
2. Application method will vary due to job conditions.

For Use with EPS Foam Shapes

1. Apply the StyroGlue Plus Base to the back of the foam shape with an approved notched trowel
2. Firmly apply the StyroGlue Plus Base 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 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 Jiffler-type mixer that exceeds 500 RPM.

DO NOT leave StyroGlue Plus Base unfinished.

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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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.