



STYROGLUE BASE

AN ACRYLIC ADHESIVE AND BASE COAT WITH CEMENT ADDED

Last Revised: March 2002

DESCRIPTION:

StyroGlue Base is 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 Base is intended for use in adhering Expanded Polystyrene (EPS) Insulation Board to an approved substrate, or as a base coat in the Omega AkroFlex Class PB System, AkroFlex Plus Class PB System, Water Managed AkroFlex Class PB System, or AkroGold DEF System. StyroGlue Base may also be used as a leveling coat over approved substrates.

COLOR:

StyroGlue Base comes packaged in its natural light color.

PACKAGING:

StyroGlue is packaged in 55lb. (25kg) 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 Base is approximately 180ft² to 200ft² (16.7m² to 18.6m²) as a base coat, and 160ft² to 190ft² (14.9m² to 17.7m²) as an adhesive. Coverage may vary due to ambient temperature, surface temperature, surface porosity, mixing methods, and/or application methods.

AREA OF USE:

StyroGlue 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 and/or Tilt-up concrete
6. Expanded Polystyrene Insulation Board

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 Base prior to application.

1. Split one pail of StyroGlue Base into two, clean, 5 gallon pails.
2. Add 50% by weight 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. Approximately 5 to 10 minutes.
5. Re-temper the material adding a maximum of 8oz. of clean, potable water to reach the desired consistency.

APPLICATION:

For Use As An Adhesive

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

For Use As A Base Coat

1. Apply StyroGlue 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.

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.

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 cured and/or dried. 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 (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 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 Base in its applied state.

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".