



StyroBond Adhesive

A Non-cementitious, 100% Acrylic, EPS Insulation Board Adhesive



Coverage

Approximately 200ft² to 300ft² (18.6m² to 27.9m²).

Coverage may vary due to ambient temperature, surface temperature, surface porosity, and/or application methods.

Packaging

65lb (29.5kg), 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

Blue

Product Description

StyroBond Adhesive is a non-cementitious, 100% acrylic adhesive designed to bond EPS foam to various approved substrates including wood-based sheathing. It does not require the addition of portland cement, which reduces the labor costs during application.

Features

100% Acrylic

Excellent Workability

Water Resistant

No Cement Required

VOC Compliant

Benefits

Superior bond strength and flexibility

Easy and quick application

Increased resistance to moisture

Reduced labor, minimal waste, easy use

Less than 13 g/L

Basic Uses

StyroBond Adhesive is used to adhere Expanded Polystyrene (EPS) Insulation Board to various porous approved substrates including wood substrates in AkroFlex EIF Systems.

NOTE: Not for use in adhering EPS to EPS.

Area of Use

StyroBond Adhesive may be applied to the following substrates as a component of an AkroFlex EIF System:

1. Wood-based or OSB sheathing
2. Paper-faced gypsum sheathing
3. Fiberglass mat-faced gypsum sheathing
4. Cement backer board
5. Masonry
6. Poured-in-place and/or tilt-up concrete
7. Other approved cementitious substrates

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.

Mixing

StyroBond Adhesive must be mixed thoroughly, immediately prior to use, with a Jiffler-type mixer. If the consistency is thicker than desired, up to 8oz of clean, potable water may be added.

Application

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

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

Drying

Drying time may vary due to climatic conditions. Drying should occur within 24 hours at an ambient and surface temperature of 70°F (21°C) and 55% R.H. All freshly applied material must be protected from inclement weather until fully dry.

Limitations

DO NOT apply product when the ambient and surface temperature is below 40°F (4°C). Material that is allowed to freeze before fully drying may suffer irreparable damage.

DO NOT add any other materials to the mixture of the product without written approval from Omega Products International.

DO NOT deviate in the mixing or application procedures contained in this, or any other Product Data Sheets, without written approval from Omega Products International.

DO NOT apply StyroBond Adhesive if there are contaminants on the receiving surface. Contaminates may include, but are not limited to, dust, debris, efflorescence, and/or oils.

DO NOT apply StyroBond Adhesive to OSB or plywood sheathing with a moisture content higher than the manufacturer's recommendation.

DO NOT add any more water than prescribed.

DO NOT use a paddle mixer that exceeds 500 RPM.

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 at (951) 737-7447 or FAX (951) 520-2594 or by email 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.