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.

**Features**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
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<tbody>
<tr>
<td>100% Acrylic</td>
<td>Superior bond strength and flexibility</td>
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<tr>
<td>Excellent Workability</td>
<td>Easy and quick application</td>
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<tr>
<td>Water-Resistant</td>
<td>Increased resistance to moisture</td>
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<tr>
<td>No Cement Required</td>
<td>Reduced labor, minimal waste, easy use</td>
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<tr>
<td>VOC Compliant</td>
<td>Less than 13 g/L</td>
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</table>

**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

**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 40ºF (4ºC) and 90ºF (32ºC).
3. Store out of direct sunlight.
4. Protect pails from weather and other damage.

**Shelf Life**

2 year

**Color**

Blue color
**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**

StyroBond Adhesive must be mixed thoroughly, immediately prior to use, with a paddle 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, 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 drying time. All freshly applied material must be protected by an approved protective system from inclement weather until fully cured and/or dry. It is the responsibility of the applicator to determine if the product is 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 may suffer irreparable damage.

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 Product Data Sheets, without written approval from Omega Products International, Inc.

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

DO NOT use StyroBond Adhesive to adhere EPS to EPS or other non-porous substrates.

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**