



STYROBOND ADHESIVE

A NON-CEMENTITIOUS, 100% ACRYLIC EPS INSULATION BOARD ADHESIVE

Last Revised: March 2002

DESCRIPTION:

StyroBond Adhesive is a non-cementitious, 100% acrylic adhesive manufactured with high-grade aggregates and a pure acrylic emulsion binder.

BASIC USES:

StyroBond Adhesive is intended to be used to adhere Expanded Polystyrene (EPS) Insulation Board to wood substrates in the AkroFlex Class PB System. Not for use in adhering EPS to EPS.

COLOR:

StyroBond Adhesive is blue in color.

PACKAGING:

StyroBond Adhesive is packaged in 65lb. (29.48kg) 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 StyroBond Adhesive is approximately 200ft² to 300ft² (18.6m² to 27.9m²). Coverage may vary due to ambient temperature, surface temperature, surface porosity, and/or application methods.

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. Painted or glossy surfaces must be roughened to ensure a proper bond. Repair all cracks with the appropriate patching material for the existing substrate.

MIXING:

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

APPLICATION:

1. Apply the StyroBond Adhesive to the back of the EPS Insulation Board with an approved notch 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.

NOTE: Protect applied product from inclement weather until fully cured or finish is applied.

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 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 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 dry (see also DRYING). 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 Omega Product Data Sheets, without written approval from Omega Products International, Inc.

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 manu-

facturer's recommendation.

DO NOT add any more water than prescribed.

DO NOT use a Jiffy-type mixer that exceeds 500 RPM.

CLEANING:

Cleaning may be accomplished with water immediately after use.

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.

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".