

## Exhesive

A Premixed Acrylic Adhesive

### Characteristics:

#### Job Conditions:

Temperature for application of Exhesive must be 45° F or higher and must remain so for a minimum of 48 hours.

#### Storage:

Exhesive must be stored at 45° F or above in tightly sealed containers out of direct sunlight.

#### Temporary Protection:

Shall be provided at all times until the base coat, finish, and permanent flashings, sealants, etc. are completed to protect the wall from weather and other damage.

#### Drying Time:

Drying time depends upon the air temperature relative humidity and the porosity of the sheathing. Under average drying conditions (70° F, 55% R.H.), Exhesive sets within 24 hours and achieves full cure in approximately seven days. Protect work from rain for at least 48 hours.

**energex<sup>®</sup> Exhesive is a fully formulated, premixed water based acrylic co-polymer adhesive.**

#### Uses:

Exhesive is used to bond **energex<sup>®</sup>** Insulation Board to exterior grade gypsum sheathing and sound unpainted exterior grade wood based sheathings such as plywood and non-veneer boards. For use on other substrates, contact **energex<sup>®</sup>** for specific written approval.

#### Surface Preparation:

Surfaces shall not be below 45° F or painted and must be clean, dry, structurally sound and free of grease or oil. American Plywood Association guidelines must be followed to insure proper installation of the wood based sheathings.

#### Cautions and Limitations:

The adhesive must be allowed to form a skin prior to installation on the wall.

#### NOTES on Application:

Exhesive IS NOT SUITABLE FOR BONDING INSULATION BOARD TO INSULATION BOARD.

**Important Notice to Purchaser:** The following is made in lieu of all warranties, express or implied: **energex<sup>®</sup>**'s (eifs, inc.) only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequently arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. The foregoing may not be altered except by an agreement signed by officers of seller and manufacturer.

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**Working Time:**

After applying Exhesive to the insulation board, the coated board should be immediately attached to the substrate.

**Bond Strength:**

ASTM D-897  
50 psi (plywood/plywood substrate failure).

**Water Vapor Transmission:**

Does not create a water vapor barrier when installed according to application instructions.

**Flexibility:**

Will accommodate reasonable movement of wood based sheathings due to expansion and contraction without reduction of bond.

**Clean Up:**

Clean tools with water while EnerFast is still wet.

**Coverage:**

300-400 square feet per pail.

**Mixing:**

No mixing is required, water should not be added.

**Application:**

All exposed edges of the insulation board must be wrapped with energex<sup>®</sup> mesh and embedded in Enermix.

Exhesive shall be applied directly to the insulation board using a ¼" x ¼" x 1 ½" rounded notched trowel. The coated insulation board should be immediately pressed onto the surface of the substrate and slid into place. Apply firm pressure to the entire surface to insure complete contact between the coated insulation board and the substrate and insure that board edges abut tightly and that there is not any Exhesive between the boards.

Temporary fasteners may be used, especially where contours exist to insure adequate contact between the coated insulation board and the substrate during the drying period. Care should be taken when removing the fasteners to avoid damage to the insulation board. Once the insulation board has been installed, wait a minimum of 24 hours before working on the surface.

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