

energex[®]

wall systems

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Enermix Dry 100% Pure Acrylic Based Dry
Powder Adhesive And Basecoat

E131

DESCRIPTION:

ENERGEX ENERMIX DRY POWDER MIX is specially formulated cementitious product enriched with Polymers. Upon blending with water, and adhesive/embedding mixture is achieved for the **ENERGEX** System.

USES:

ENERMIX DRY is used to adhere insulation board to an approved substrate and to embed reinforcing mesh as part of the base coat of the **ENERGEX** System. The mixture can also be used as a skim coat to produce a smooth level surface on masonry or concrete.

CHARACTERISTICS:

Drying Time - The drying time of the **ENERMIX DRY** is dependent upon the air temperature and relative humidity. Under average drying conditions, (70 degrees F, 55% RH), protect work from rain for at least 24 hours.

When used to bond insulation board to an approved substrate, a period of 24 hours must elapse to allow the **ENERMIX DRY** to form a positive bond. The insulation board should not be worked on while the **ENERMIX DRY** is curing.

Working Time - After mixing, the working time of **ENERMIX DRY** is approximately one hour depending on ambient conditions.

Bond Strength (ASTM D-897) - 60 psi (gypsum sheathing), 160 psi (concrete block).

SURFACE PREPARATION:

Application is to **ENERGEX** recommended substrates. Typically, these include exterior grade gypsum sheathing on either steel or wood studs, clean unpainted concrete, concrete block, brick and stucco. Masonry, concrete and brick substrates must be flat within 1/4" in any four foot radius.

For other substrates, please contact the **ENERGEX** representative. Surfaces must not be below 40 degree F or painted and must be clean, dry, structurally sound and free of efflorescence, grease, oil, form release agents and curing compounds.

Job Conditions - Temperature for application of **ENERMIX DRY** must be 40 degrees F or higher and must remain so for a minimum of 24 hours.

Mixing - To a 50 lb. bag of **ENERMIX DRY POWDER MIX**, add 1-1/2 gallons of water. Mix in a 5 gallon can with Jiffy Mixer for about 3 minutes until homogenous. Re-temper by adding a small amount of water to achieve the desired workability.

ADHESIVE APPLICATION:

Using a stainless steel trowel, install a ribbon of **ENERMIX DRY** 2" (51mm) wide by 3/8" (10mm) thick around the entire perimeter of the Insulation Board. Place eight dabs of **ENERMIX DRY** 3/8" (10mm) thick by 4" (102mm) in diameter approximately 8" (204mm) on center to the interior area.

Alternatively, a notch trowel may be used to install the **ENERMIX DRY** on the entire back of the Insulation Board. The 2" (51 mm) wide by 3/8" (10mm) thick ribbon must be installed around the entire perimeter of the board. (**CAUTION - Do not install ENERMIX DRY on the substrate using the notch trowel**).

Immediately place the Insulation Board on the substrate and slide into position. Do not allow the **ENERMIX DRY** to form a skin before positioning the Insulation Board on the substrate.

EMBEDDING APPLICATION:

Use a stainless steel trowel to apply **ENERMIX DRY** to the surface of the Insulation Board to a uniform thickness as recommended for the type of reinforcing mesh being installed. Immediately, place the reinforcing mesh against the wet **ENERMIX DRY**. The surface of the **ENERMIX DRY** is smoothed with a trowel until the reinforcing mesh is fully embedded. The pattern of the mesh must not be visible.

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.

Clean-up - Clean tools with water while **ENERMIX DRY** is still wet.

COVERAGE:

Approximately 110 square feet of surface area per 50 lb. per bag.

CAUTIONS AND LIMITATION:

Clean potable water must be added to adjust workability. **DO NOT OVERWATER!!**

STORAGE:

ENERMIX DRY must be stored at 40 degrees F or above in tightly sealed containers out of direct sunlight.

IMPORTANT NOTICE TO PURCHASER - The following is made in lieu of all warranties, express or implied: energex'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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