

## Enermix Plus

High Build Adhesive and Embedding Coat for Energex Systems

### Characteristics:

#### Drying Time:

The drying time of Enermix Plus mixture is dependent upon the air temperature and relative humidity. Under average drying conditions (70° F, 55% R.H.), protect work from rain for at least 24 hours. Being a cementitious product, Enermix Plus mixture develops full strength in 28 days.

#### Working Time:

After mixing, the working time of Enermix Plus mixture is 2 to 4 hours, depending on ambient conditions.

**Water Vapor Transmission (ASTM E-96):** 10 perms.

**Accelerated Weathering (ASTM G-23):** Passes 2000 hours.

**Mildew Resistance (Mil Std 810B):** No growth of mildew.

**Enermix Plus is a 100% acrylic-based product which, when mixed with Portland cement, provides a high build, exceptionally easy to trowel adhesive/ embedding coat.**

#### Uses:

Enermix Plus is utilized where a high build (maximum 1/4"), crack, resistant, cementitious coating is required, for example, to skim rough masonry, to fill small voids in cementitious substrates and as the base coat for mechanically fastened systems.

#### Surface Preparation:

Surfaces shall be above 40° F, unpainted and must be clean, dry, structurally sound, and free of efflorescence, grease, oil, form release agents and curing compounds.

#### Application:

With a stainless steel trowel, apply the Enermix Plus to the recommended substrate at a thickness not to exceed 1/4". Enermix Plus may also be applied using spray equipment.

**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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**Compressive Strength (ASTM C-109):** 5460 psi (28 days).

**Tensile Strength (ASTM C-190):** 690 psi (28 days).

**Freeze/Thaw (ASTM C-666):**  
Passes 300 cycles.

**Clean Up:**  
Clean tools with water before Enermix Plus has set.

**Coverage:**  
Approximately Approximately 115 to 135 square feet per 60 pound pail when used as the embedding coat. The coverage for other applications is dependent upon the surface of the substrate.

**Storage:**  
Enermix Plus must be stored at 40° F or above in tightly sealed containers out of direct sunlight.

**Job Conditions:**  
Temperature for application of Enermix Plus must be 40° F or higher and must remain for a minimum of 24 hours.

**Mixing:**

Thoroughly premix the Enermix Plus. Into a clean plastic container, pour 1/2 of the freshly mixed Enermix Plus, add 1 quart of clean potable water and 1/3 of a bag (approximately 30 lbs.) of fresh, lump-free cement slowly and mix thoroughly. Additional water may be added to the Enermix Plus mixture to achieve a workable consistency. Up to 1/2 gallon of water per 1/2 pail of Enermix Plus may be added.

DO NOT OVERWATER THE Enermix Plus MIXTURE AS THIS WILL DEGRADE THE PERFORMANCE OF THE PRODUCT.

Allow the mixture to set for five (5) minutes. Re-mix and temper by adding a small amount of water to achieve the desired workability.

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