

GCT EIFS ADHESIVE AND BASE COAT MORTAR

PRODUCT DESCRIPTION

GCT EIFs Adhesive and Base Coat REINFORCED MORTAR, it's a Portland cement-based MORTAR ADHESIVE with fibers, modified with high quality additives for a superior bonding strength, and easy to place. Specifically designed to adhere EPS/XPS to other surfaces or as a base/prime coat for foam boards and ICF products. Also can be easily hand-troweled. Packaged in 50 lb. bags is simple to use, requiring only addition of water at the jobsite.

USES

GCT EIFs Adhesive and Base Coat is a versatile product that can be used as base coat on masonry work and concrete walls, over CMU block, stone, stucco & plasters.

TECHNICAL DATA

The product meets and exceeds the physical property requirements of ASTM C387 (Standard Specifications for Packaged, Dry, Combined Materials for Mortar and Concrete) and ASTM C109 (Mortar Cube Testing). GCT EIFs Adhesive and Base Coat reaches a compressive strength in excess of 1800 psi at 7 days. The data outlined below is representative of typical values achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated.

SURFACE PREPARATION

Surfaces to be covered with EIFs Adhesive and Base Coat should be sound, clean, dry, and free of dirt, debris, oil, wax, grease, dust or any other external contaminant that would prevent a good bond. Painted surfaces must be sanded and cleaned of waxes, dirt or any contaminants.

MIXING

Verify that mixing tools and containers are clean before mixing. To mix a 50 lbs bag of EIFs Adhesive and Base Coat, empty the entire dry contents into a container with 4.0 L (1.1 gal) of potable water. Mix thoroughly for at least 5 minutes for optimum performance, until the mortar reaches an uniform state without any lumps. If the mix is too stiff add more water until the desired consistency is obtained. A workable mortar has a "buttery" texture without excessive bleeding and should slide off a trowel held at a 45 degree angle. If temperatures are expected to rise above 100 °F (37.8 °C) mix only enough mortar that can be placed in one hour. A mortar mixer is recommended for larger project.

APPLICATION

As EPS adhesive, apply a bed of mortar onto the base no less than 1/2"(12mm) thick. The substrate must be clean and pre-dampened before the application, specially in hot weather. Using the recommended notched trowel, comb the mortar to produce an underlying bed. Mortar amount should be sufficient to insure a minimum thickness of 1/2 inches between EPS piece and surface once the has been installed.

For Base coat, just apply as scratch coat over the EPS, concrete or CMU surface at the desire thickness.

CURING

Provide sufficient moisture, if needed, to permit continuous hydration of the cementing materials and to minimize cracking. The effectiveness of the curing procedure will depend on climate and job conditions. Temperature, wind velocity, direct sunlight or shading as well as the dampness or dryness of the surface receiving the material, all have an effect on the finished depth of color. Do not apply when temperature is forecast to be above 100 degrees F or below (38 degrees C) without taking the required extreme weather precautions.

STORAGE

Store in a moderate temperature dry place protected against water or other external agents.

Technical Data

Physical State	Gray Color Powder
Shelf Life	1 year in original bag, in a dry covered place
Mixing Ratio	4.0 Liters (1.1 Gal.) of water per 50 lbs Bag
Compressive Strength	1800 psi at 7 days
Density	100 lbs/ft ³
Coverage	Approx. 35 ft ² with all 1/2" notched Trowel

