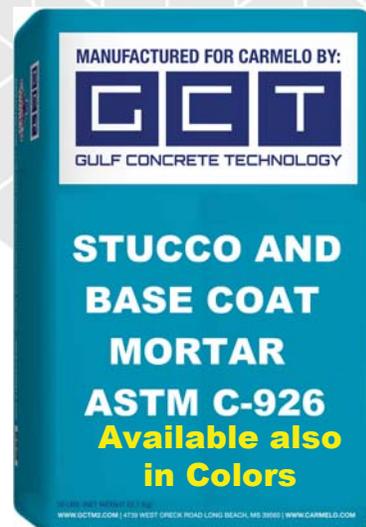


# GCT Stucco/Plaster and Base Coat Mortar

*with or without Fiber Reinforcement*



## PRODUCT DESCRIPTION

GCT Stucco/Plaster and Base Mortar is a blend of cement, specially graded masonry sand and admixtures that are combined in a carefully controlled proportion to enhanced their characteristics. This product has an excellent consistency, quality with good mixing, placing and finishing properties. It is mortar that combines ease of mixing with excellent performance. The product is **Environmentally Friendly** with the use of local materials and enhanced with additives.

## USES

GCT Stucco and Base Mortar is a versatile product that can be used as masonry mortar for rendering block and concrete walls, stucco & plaster repair, one to three coat exterior render or interior plaster, and mortar beds.

## 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 C926 (Stucco Mortars). 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 GCT Stucco and Base Mortar 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 GCT Stucco and Base Mortar, empty the entire dry contents into a container and add about 3.5 L (0.9 gal) of potable water. Mix thoroughly. If the mix is too stiff add more water until the desired consistency is obtained. Avoid a "soupy" mix since too much water will weaken the mortar. 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

Portland cement plaster may be applied over the surface of concrete and block walls for a variety of reasons. It may be to enhance the appearance of the building, to level out irregularities of alignment of the blocks, to achieve uniformity and continuity of surface where concrete or blocks abut other construction materials, to provide alternative attractive textures or additional resistance to intrusion of moisture. Concrete and blocks provide an excellent base for cement plaster because of the solidity and integrity of block walls and freedom from some of the problems associated with wood framing. Concrete walls may need the application of a bonding agent if the are smooth.

## CURING

Curing of mortar is only required if conditions are hot, dry or windy. In such cases, spray a mist of water to the surface to prevent premature drying and improve the strength of the mortar. Try to keep the mortar protected from direct sunlight for the first 48 hours.

## 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, dry covered place.
Mixing Ratio	3.5 Liters (0.9 Gal.) of water per 50 lbs. bag
Compressive Strength	500 psi at 28 days
Density	122 lbs/ft <sup>3</sup>
Coverage	22 ft <sup>2</sup> @ 1/4" Thick

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