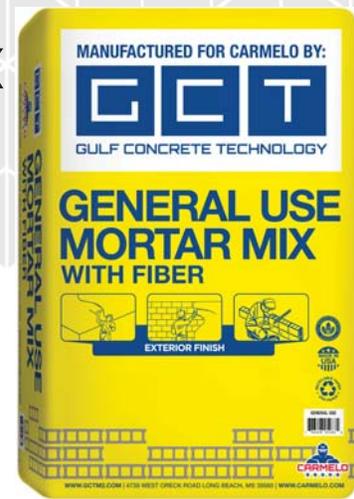


GCT General Purpose Mortar Mix

with or without Fiber Reinforcement



PRODUCT DESCRIPTION

GCT General Purpose Plaster / Mortar Mix is a blend of cement, specially graded masonry sand and additives 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. The product is **Environmentally Friendly** with the use of local materials and enhanced with additives.

USES

GCT General Purpose Plaster / Mortar Mix is a versatile product that can be used as masonry mortar for rendering over masonry block and concrete walls, laying block, bricks or stone, stucco & plaster repairs, one-coat exterior 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 C270 (Mortar for Masonry Unit). Mortar Mix with fiber reaches a compressive strength in excess of 1000 psi at 28 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 GCT General Purpose Plaster / Mortar Mix 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 General Purpose Plaster / Mortar Mix, 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

Apply a bed of mortar onto the base of about 1/2" (12 mm) thick. The base must be pre-dampened before laying masonry units in hot weather. Push downward into the mortar bed and sideways against the previously laid block or bricks with a slight twisting motion. Mortar joints which protrude when units are laid should be cut flush, allowed to set until "thumb print hard" and then tooled to a concave joint using a round jointer.

Also, may be use for plastering and rendering over masonry units, concrete walls. Other uses are mortar beddings or toppings.

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. Physical State Powder

Technical Data

Physical State	Gray Color Powder
Shelf Life	1 year in original bag, in a dry covered place.
Mixing Ratio	3.5 Liters (0.9 Gal.) of water per 50 lbs. bag (22.7 kg).
Compressive Strength	1000 psi at 28 days
Density	130 lbs/ft ³
Yield	22 ft ² /bag @ 1/4" Thick

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