

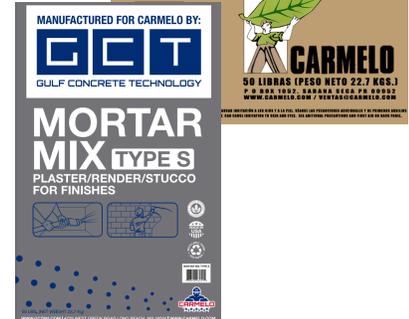
Sprayable Plastering / Render Mortar Mix

Deep Layer Plastering Mortar



PRODUCT DESCRIPTION

Carmelo sprayable Plastering / Render Mortar Mix is a single component Portland cement based plaster containing additives for a superior bonding strength. Depending upon application, Render Mortar Mix may be sprayed or hand-troweled. The product contains specially graded materials easy to place and finish. Packaged in 50 lb bags, Sprayable / Render Mortar Mix is simple to use, requiring only addition of water at the jobsite.



PHYSICAL PROPERTIES

Plastering / Render Mortar Mix is a Portland cement based plaster that is in compliance with ASTM C926 requirements for Type C Plaster. Typical compressive strength results obtained with Render Mortar Mix, when tested in accordance with ASTM C109, are as follows: 930 psi (6.4 MPa) at 7 days, 1800 psi (12.4 MPa) at 28 days. YIELD – A 50 lb bag will yield approximately 0.45 ft³ of mixed material. Coverage will be approximately 22 ft² at 1/4" thickness.

ADVANTAGES

- Excellent compressive bond strength are achieved at a normal set time
- Low heat of hydration reduces the risk of shrinkage / thermal cracking
- Excellent bond to concrete and other construction material substrates
- Excellent characteristics
- Environmentally friendly
- Improved workability
- Environmentally Friendly — Contains recycled materials and local regional materials

MACHINE MIXING INSTRUCTIONS

The mixture is obtained by adding water into a clean container and then gradually adding the powder. Add approximately 1 gallon of water for each 50 lb bag of Render Mortar Mix to be used. If the mortar becomes too difficult to mix, add additional water until the desired consistency is achieved. The mixing process can be performed in a cement mixer or in a bucket (working manually or with a mechanical agitator) or using a continuous mixer until homogeneous, lumpfree mortar is obtained. It is also possible to

use a sprayer to mix and simultaneously pump the mortar, using a rotor/stator system suitable for the granulometric grading of the mixture.

HAND MIXING INSTRUCTIONS

Empty mortar bags into a suitable mixing container. Add approximately 1 gallon of water for each 50 lb bag of Render Mortar Mix to be used. Work the mix with the necessary tools, and add additional water as needed until the desired consistency is achieved. Make sure all the material is adequately wet before proceeding with the application.

APPLICATION

Render Mortar Mix can be applied with any standard tool for masonry. Apply a minimum 1/8" thickness of Render Mortar Mix by spray or trowel and smooth the mix. Surface textures can be produced with a brush or trowel. Any desired texture of finish must be produced while the mix is still plastic and workable. Avoid erlapping fresh plaster over previously on dried areas as this will result in color variations.

CURING

Provide sufficient moisture 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 (38 degrees C) without taking the required hot weather precautions.

TECHNICAL DATA

Physical State	Powder
Color	Gray, Beige
Shelf Life	1 year in original bag, in dry covered place.
Mixing Ratio	4.1 qts of water for each 50lbs bag
Density	120 lbs/ft ³

COMPRESSIVE STRENGTH:

1 day	400 psi (2.8 MPa)
7 days	900 psi (6.4 MPa)
28 days	1800psi (12.4 MPa)

APPROXIMATE COVERAGE PER THICKNESS FOR A 50 LBS BAG:

1/8"	(3,2 mm) 44 sq.ft (4,1 m ²)
1/4"	(6,3 mm) 22 sq.ft (2,0 m ²)
1/2"	(12,7 mm) 11 sq.ft (1,0 m ²)