

CEMTEC PREMIX PLASTER



WATER RESISTANT, CEMENT BASED PREMIX PLASTER

DESCRIPTION

CEMTEC PREMIX PLASTER is a versatile, high quality pre-mix water-resistant cement based plaster intended for plastering concrete, block walls, patching and repairing concrete surfaces. This material is based on a blend of portland cement conforming to ASTM C 150 type I, precisely graded limestone fractions and certain special additives which impart consistency, adhesion, workability and waterproofing properties to the material. The material can be applied at a thickness ranging from 4 mm to 30 mm.

FEATURES & BENEFITS

- Suitable for interior as well as exterior applications
- Suitable for vertical and overhead applications.
- Extended working time.
- Highly impermeable to the ingress of watervapor, carbondioxide etc.
- Can be trowel applied or plastered by modern plastering machines.
- **CEMTEC PREMIX PLASTER** being free from sulphates and chlorides, can extensively be used in coastal areas as a replacement to sand – cement plaster.
- It is possible to plaster upto a thickness of 8 mm in single application by applying in texture gun.

BASIC USES

- Plastering concrete block walls.
- Resurfacing damaged concrete structures.
- Patch repairs and general filling up.

DIRECTIONS FOR USE

Surface preparation: The surface must be clean, rough and free from all dust, loose particles, grease and traces of foreign materials. The surface must be wetted out prior to the application of **CEMTEC PREMIX PLASTER**.

Mixing / Placement

The dry product should be added to the measured amount of clean water. The product should be mixed for around 3 minutes in the suitable mixing equipment. Let the composition stand for 15 minutes and mix again as above. The above plaster mixture is now ready for application either by hand troweling or by plastering with modern plastering equipment. For greater thickness exceeding 8 mm, application should be in 2 layers. The first coat should be applied to a thickness of around 5 to 8 mm. The second coat is applied continuously on the same day, after the first layer dries a little. If the second coat is applied on the second day the first layer has to be scratched to form a key for the next layer and cured.

Clean up

Tools and equipment should be washed and cleaned with water immediately after use.

Curing

After plastering, the surface should be cured with high solids curing compound such as KUREKOTE 75 VOX, etc.

YEILD

50 kg bag of **CEMTEX PREMIX PLASTER** yeild 0.027 m³ of material when mixed with 8.0 liter of water

TECHNICAL INFORMATION

PROPERTIES	RESULT
Product Composition	Portland cement, graded limestone and special additives and polymers
Compressive Strength @ 28 days ,ASTM C 109/109 M	25 MPa
Adhesion to Mortar@28 days, ASTM D 4541	0.3 MPa
Dry Density	2100 kg/m ³
Working Time	45 minutes
Initial Setting Time	2 hours
Water Powder Ratio	0.16
VOC Content	0 g/l
Grain Size	0-1mm

Note: Test is performed under laboratory conditions.

Applicable Standard: ASTM C 150,ASTM C 926,ASTM C 897,BS 5492

COVERAGE	50 kg of CEMTEC PREMIX PLASTER would cover around 2.75m ² at 10 mm thickness.
PACKAGING	50 kg and 25 kg bag
COLOR	Available in Grey color

SHELF-LIFE

12 months from the date of manufacture under proper storage conditions. The product should be stored in a shaded and dry place.

PRECAUTIONS / LIMITATIONS:

Should not be used on painted surfaces or floors.

Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.

"High Quality Construction Chemicals"
CONSTRUCTION MATERIAL CHEMICAL INDUSTRIES
P.O. Box 7137, Dammam 31462, Saudi Arabia,
Tel: 00966-13-8471450; Fax: 00966-13-8471575
Email: tech@cmci-sa.com, Web: www.cmci-sa.com