

# SOUNDPLAST PMC - 1 CEMENT PLASTER



## ADVANTAGES:

- ✦ Smooth and easy to use plaster.
- ✦ Less curing, Time saving and rebound loss negligible .
- ✦ Eco friendly .
- ✦ Efflorescence free and Non Shrink

## DESCRIPTION :

PMC - I is a factory premixed cement based plaster designed for both internal & external application. PMC-I can be directly applied in one coat to brick / block walls, concrete , calcium silicate blocks aerated autoclave block etc.. PMC-I is manufactured using high quality Portland cement and graded Silica Sand , Polymers are added for improved workability and to provide a very good bonding with the substrate PMC-I, can be applied to a minimum thickness of 8mm to maximum of 25 mm in single coat where thickness is exceeds 25 mm additional coat can be applied after 24 hrs between the layers if required one coat of Sound Aid PB I : I may be applied. The consistency should be homogeneous to make it suitable for walls & ceilings.

## COMPLIANCE :

PMC-I, complies with the all international standards such as aASTM C-387 and BS 455 I and 4049.

## DIRECTION OF USE:

### Surface Preparation:

It must be made sure before the application of PMC-I that the substrate is clean of dust, loose particles and other contamination which may affect the bonding. If the surface is dry , it should be moistened(SSD) with portable water

### Mixing :

In a clean tray or a bucket mix thoroughly one 50 kg bag of PMC-I with approximate 8 to 8.5 Ltrs of clean potable water ( depending upon weather condition ). It is recommended to use mechanical mixture to achieve a homogeneous mix. For large quantity a mixer such as concrete mixer can be used. Preferably add powder to wate



#### Applications:

Apply the mixed plaster uniformly on to the prepared substrate using a steel mason trowel. The plaster can then be leveled and troweled to a desired finish using mason tools. Different finishes can be achieved using steel trowel, wooden float or a sponge, as the case may be.

#### Curing :

PMC-I is incorporated with high quality chemicals also to retain water. Hence heavy curing is not necessary. However please ensure that the plaster is kept moist for a period of 3 days. This can be achieved by light sprinkling of water 2 to 3 times a day.



## TECHNICAL DATA:

APPEARANCE AND COLOR	GREYISH POWDER
Maximum Aggregate Size	Less Than 2 mm
Water Demand Manual Application Machine Application	16-18% Approx 17-19% Approx
Pot Life	60 Minutes Approx
Consumption	2.05 spm/50kg Bag @ 10mm Thickness Approx
Density Dry Density Wet	1.69 Kg Per Litre 2.10 Kg per Litre
Compressive Strength (ASTM C109)	7 Days: 9.69 N/ mmw 28 Days: 19.68 N/ mm2
Bond Strength (ASTM C882)	1.25 MPa @ 7 Days
Chloride Ion Permeability (ASRM C 1202)	28 Days < 1000 coulomb's (very low)

The data shown above reflects typical results based on laboratory testing under controlled conditions

**PACKING** : PMC-I is packed in 50 kg HDPE bag with liner.

**SHELF LIFE** : PMC-I can be stored under shaded dry condition for a period of 12 months.



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#### DISCLAIMER :

If applied as per the recommendation in the product data-sheet, PMC-1 is guaranteed for the purpose of which it is recommended. We can not assume responsibility of misuse of our products. We assume no responsibility for the finished work as we have no control over factors such as mixing, application surface preparation, weather and other conditions that may prevail at the time of applications.