

dudhi[®] Premix Plaster

a trusted name

Dudhi Premix Plaster is a polymer modified premixed cement based plaster. It is convenient, easy to use, strong and binds better to its substrate. It provides an even surface on which tiling can be done faster & efficiently. Dudhi Premix Plaster is specially formulated using graded sand to impart compactness to the plaster. It also contains special polymers which reduces re-bonding losses, thereby increasing the productivity of the labour and has water-retaining component which reduces the curing requirement of the plaster, when compared to conventional method. It is also available in 'Spray Plaster Machine Application' variant.



► Technical Specification

Parameter	Dudhi Premix Plaster
Pot Life	60-120 minutes
Appearance	Greyish Granular Powder
Additives	Water soluble additives for better efficiency, binding, water retaining and strength
Compressive Strength	> 5 MPA after 28 days
Coverage	20-25 sq.ft./50 kg bags for 10 mm thickness
Ingredients	Fly Ash, Cement, Graded Sand, Additives and Polymers
Density	1200-1400 kg/m ³
Shelf Life	6 months
Packing	20 kg, 40 Kg & 50 Kg
Water Demand	18 - 20 % as per weight
Thickness of layer	10-15 mm for Interior and 15-18 mm for Exterior or as recommended by the Engineer
Maximum Agg. Size	3 mm
Cement Sand Ratio	As 1 : 4 with enhanced polymers /Chemical
Thermal Insulation	Insulate room temperature by 20-25%
Workability	Good
Standard	IS 4031 PART-5 : 1988

► Comparison with conventional method of plastering

Parameter	Dudhi Premix Plaster	Conventional Cement Plaster
Application time	Fast application	Slow Application.
Shrinkage cracks	Minimum shrinkage cracks	High shrinkage cracks
Wastage	No Wastage	High wastage
Handling & Storage	Easy Handling & Storage	Difficult to keep stock of different components
Quality	Consistent quality due to computerized mixing and tested raw material	Manual mixing hence not possible to test every batch
Sand	Graded sand which results compactness of plaster.	Not graded
Rebound Loss	Minimum	High
Cost	Economical	Expensive.



Smooth Finish



Ready to Use



Bonding



No Detachment



Exterior & Interior use

► Application Procedure

➤ Surface Preparation

Should be free of dust, grease etc. else it will affect binding. If the surface is dry. It should be moistened with clean water.

➤ Mixing Container

Water: Powder (8 ltr to 9 ltr water per 50kg bag) Dudhi Premix Plaster must be mixed in a clean container. Mix thoroughly with clean water for 3-5 minutes.

➤ Application Methodology

The mixture should be applied within 60-120 minutes of preparation. If the concrete surface is smooth and dense. It's recommended that the surface should be made rough with comb for better sticking of the plaster layer. For Application on RCC a polymer bonding Agent is highly recommended. Readymix Plaster should be applied with hand and care should be taken that it doesn't have direct exposure to sunlight, wind and rain during it's application.

➤ Curing /Watering

After the plaster is set & dry, curing should be done which normal period compared to conventional Plaster

► Precaution

- Dudhi Premix plaster is non-toxic and non-hazardous.
- Use goggles, dust mask, hand gloves, helmet and nose mask while doing any type of plastering work.
- In case of contact with eyes of dry mix, immediately wash with plenty of clean water with clean hand and seek medical advice.
- After finishing of work, wash hands with soap.

► Do's & Dont's

- Never add extra water once mix has set to make it thin.
- Do not throw dry material after plastering for smooth surface.
- Throw plaster on wall forcibly for good adhesion.
- Plaster should be cut through to the applied surface where different surface material meet. e.g. masonry & concrete.



Saves
Water



Fire
Protection



Time
Saving



High Coverage



Crack Free



Economical