



Magicplast (Ready Mix Plaster-220)

Magicplast 220, Ready Mix Plaster, is a polymer modified premixed cement base plaster. It can be used on inner and outer walls. It is convenient, easy to use, stronger and binds better to its substrate. It provides an even surface on which tiling can be done faster and efficiently.

Application Areas

- Brick
- AAC Block / Concrete Block
- Stone Walls
- Concrete Surface

Comparison

Parameters	Magicplast Ready Mix Plaster	Conventional Method
Application Time	Fast application	Not possible
Quality	Consistent quality due to computerized mixing and tested raw material	Manual mixing hence not possible to test every batch
Shrinkage Cracks	No shrinkage cracks	Significantly high shrinkage cracks
Handling & Storage	Easy handling and storage	Difficult to keep stock of different components
Wastage	No wastage	High wastage

Features



High Strength

Magicplast



Normal

Cracks Free Wall

Normal



Magicplast

Faster Application

Magicplast



Normal

Excellent Coverage



Economical



Premixed

Preparation & Installation

1. The application surface should be rigid, and free from oil, grease, paint, loose plaster or any other dirt particles.
2. Dampen the wall before application of plaster.
3. Pour 6-7 liters of potable water in a clean container and then add 1 bag (40 kg) of Magicplast - 220.
4. It can be mixed by hand. Use of mechanical mixer or electrical stirrer is recommended for better results.
5. Mixing should be done for 5 - 10 minutes depending upon the speed of the mixing equipment.
6. Leave the mix to slake for 5 - 10 min and remix before use.
7. The mixture should be applied within one hour of preparation. If the concrete surface is smooth and dense, it's recommended that the surface is made rough for better sticking of the plaster layer.
8. In normal weather, Magicplast - 220 doesn't need watering for the first 24 hours. After the plaster is completely dry, curing should be done 2 - 3 times for 2 - 3 days. In abnormal weather conditions, curing for 5-7 days is required.

Technical Specification

Parameter	Magicplast Ready Mix Plaster
Appearance	Greyish Granular Powder
Main Binder	Portland cement
Maximum Aggregate size	Less than 1.5mm
Bulk Density	1.2 - 1.6 Kg/litre unit
Compressive Strength(mpa)	More than 9 in 28 days
Flexural Strength	Min 1.8 MPa
Water Retentivity	Min 95% (EN 1015-8)
Coverage	15 - 20 sqft/40 kg bag (for 10 - 12mm thickness)
Thickness of Layer	6 - 12 mm
Pot Life	1 - 2 hours
Proportion of Water (%)	17 - 19% as per weight

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