



Features

The Ready Mix Plaster by FreeForm is a cementitious, high quality pre-mixed render in powder form based on high quality hydrophobic polymers, fibres and carefully selected washed and graded aggregates. It produces a fine final finish coat. It helps create a durable and economical render for single or multi-coat application to most building surfaces. The render is fairly watertight and resistant against most weather conditions. It permits free transmission of water vapour.

Key features include:



Lower Dimensional Shrinkage
Fewer cracks in concrete



Extensively Tested at Factory
Quality assured



High Adhesion to Substrate
Less peeling off | High bonding



Low Rebound
Less wastage in wall material



Low Requirement of Curing
Less supervision required at site



High Workability
Fast completion of project



High Consistency of Material
Peace of mind



High Strength
High durability | Low maintenance cost



No Contamination
Better performance

Application

For most masonry walls in interiors and exteriors

Appearance

Single component premixed plaster powder- ready to use with addition of clean water.

Specifications

Max. Aggregate Size	Compressive Strength
4 mm	>7.5 N/mm ²
Flexure Strength	Bulk Density
>2.5 N/mm ²	~1650 kg/m ³
Wet Density	Water Requirement
~2000 kg/m ³	~20%
Work Time	
60 minute	

Application Thickness

It can be applied in even thicknesses from 4mm to 10mm per coat. Subsequent coats can be applied to build depth if required to a maximum total thickness of 20mm allowing adequate drying time between coats (approx. 4-8 hours).

Base Surface Preparation

The surface should be levelled to enable a uniform film thickness over the facade.

The concrete base or other wall bases must be clean, free of dust and grease. The base must be consistent, without loose particles and disaggregation. The base must be visually dry. Cracks in the base should be repaired. Weak bases, which cannot sustain the contraction of coating must be removed or restored. Use suitable FreeForm primer, for best adhesion

results.

Give separate treatments or remedial measure for eliminating dampness, efflorescence, fungus, leakages, etc. if they are already existing on your wall. Better quality and evenness in base wall will save costs.

Application/Installation Method

- Prepare the mix by adding to Render the recommended amount of clean water. A suitable mixing time is 0.5-3 minutes depending on the type of the mixing equipment and the quantity. Let the composition stand for 10 minutes and mix again as above. Small amounts can be mixed even manually. Use the mortar mixture within 2 hours from mixing.
- Do not apply in temperature below 5°C & above 50°C.
- Keep constant film thickness until the end of the application.
- Levelling must be done directly after the application, when the film is completely touch dry

and without spraying any water at all on the film surface.

Curing

The covered surface should be cured with soft water every 6-12 hours from application for the first 2 days.

Packing

25 kg bag

Shelf Life

3 months from date of packing before opening. Use within few hours of opening. Store carefully away from dampness and moisture.

Applicable Standards

EN 998

Technical Support

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Disclaimer

Any recommendations for application techniques are based on experiences. It is advisable to adapt processing techniques and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery. Hairline crack formation or deformation by shrinkage on principle cannot be excluded with the offered system and thus are not considered as technical defect. Test areas are strongly recommended before usage/execution in larger areas.

Health Precautions

This product contains cement and has an alkaline reaction with moisture/water. Adequately protect hands and eyes. In case of contact with eyes consult doctor immediately.

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