



Features

Stonecrete by FreeForm is a cementitious decorative material for walls. The walls can be finished in a washed/exposed finish soon after the rendering application. Skilled workmen are required for application of this material. Available in bespoke base colours and numerous aggregate options, the material offers several technically enhanced properties over the conventional Cementitious wall renders.

Key features include:



Lower Dimensional Shrinkage
Fewer cracks in concrete



Water Repellence
Moisture ingress & stain protection



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



Easy to Clean
Better looking surfaces



Extensively Tested at Factory
Quality assured

Application

For most masonry walls in interiors and exteriors as a top coat plaster.

Appearance

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

Specifications

Max. Aggregate Size	Compressive Strength
2 mm	>9 N/mm ²
Flexure Strength	Bulk Density
>3 N/mm ²	~1575 kg/m ³
Wet Density	Output/Coverage
~2000 kg/m ³	~2 kg /mm/m ²
Water Requirement	Work Time
~22%	60 minutes

Application Thickness

5 to 8 mm

Base Surface Preparation

The base wall surface should ideally be a rough combed plaster, clean and free of undue efflorescence, dust or any other material that may restrict adhesion. Any water proofing if required should be completed first. Any continuous source of water will leave the finish looking imperfect. The base must be consistent, without loose particles and disaggregation. Use suitable FreeForm Primer as necessary.

Application/Installation Method

- Prepare the mix by adding to plaster 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.

Please refer to separate sheet for guidance on application method.

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

Green Certification

This product is GreenPro Certified and qualifies as Green Product by CII-Green products and services council

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. Coloured products are exclusively produced from natural raw materials. Thus, colour deviations cannot be excluded. The printed colour may deviate from the original colour shade. 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.