

Renderoc Ready Plaster

Pre packed cement based ready to use plaster

Uses

Renderoc Ready Plaster is ready to use cement mortar based on inorganic binders for external (rendering) and internal (plastering) use on walls, ceilings, columns and partitions. Renderoc Ready Plaster is suitable for:

- All block masonry works
- Brick & Stone masonry works.
- Concrete surfaces.

Advantages

- Non-sagging for higher thickness applications.
- Reduced shrinkage cracks.
- Less rebound losses leading to minimum wastage.
- Better adhesion to substrate.
- Ready to use, only addition of water is required at site.
- Low Water Permeability & Enhanced Durability.
- Uniform and smooth finish.

Standard Compliance:

Renderoc Ready Plaster conforms to IS 1661.

Description:

Renderoc Ready Plaster is a polymer modified pre-packed plaster designed to provide smooth surfaces both internal (Plastering) and external (Rendering)/Renderoc Ready Plaster is a blend of cement, graded fillers with chemical additives which is convenient, easy to use and bonds stronger to its substrate.

It replaces conventional method of Rendering/Plastering as it is ready to use by adding water at the site and can be easily applied on the masonry & concrete surfaces, ensuring improved quality of work and faster application compared to conventional method. The plaster shall be applied at minimum thickness of 10mm upto 15mm in one layer.

Technical support:

An experienced technical advisory team is available to give technical service on request.

Properties

Sl. No	Properties	Specification
1	W/P ratio	7-8 L for 40 Kg bag or 0.17 to 0.20
2	Pot Life	Min. 30 min
3	Compressive Strength	> 6 N/mm ²
4	Dry Adhesion to Substrate	Min 0.3 N/mm ²

Note: The typical physical properties given above are derived from testing in a controlled laboratory environment. Results derived from testing field-applied samples may vary, dependent on actual site conditions.

Specification Clause:

The Renderoc Ready Plaster shall be a prepacked material requiring only water addition at site. The product shall comply with IS 1661. The product shall have compressive strength > 6 MPa and bond strength 0.3 MPa.

Application Instructions:

Surface Preparation:

The substrate should be free of dust, loose particles, oil, grease, paint, and other such contamination which may affect the bonding. Cleaning can be carried out by suitable methods like wire brush, water jetting, mopping etc. If the surface is porous and absorbent substrate, it should be moistened with potable water.

Mixing:

For best results a mechanically powered mixer should be used to achieve a good consistency. The selected water content should be accurately measured and poured into the mixer. The total content of the bag should be slowly added and continuous mixing should take place for 5 minutes. Re-mix again about 2 mins before application.

Application:

Apply the mixed plaster uniformly on the substrate using a steel trowel.

The plaster can then be levelled to a desired finish using masonry tools like straight edge and masonry bob. Different finish can be achieved using steel trowel, wooden float or sponge as per finish required.

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If 2nd coat is required, ensure the first coat shall be roughened to provide good grip for 2nd coat. Saturate the 1st coat prior to the application.

To avoid undulations on plastered surface, apply mortar patch before the wall is plastered on perimeter of wall for levelling.

Curing:

On completion of plastering, the plastered areas should be thoroughly cured. Curing shall be followed as per standard construction practices

Curing can be started after 24 hrs by light sprinkling of water 2 to 3 times a day till 5 to 7 days or by application of curing compound.

Packing and Estimation:

Packing:

Renderoc Ready Plaster is supplied in 40 kg bag.

Coverage:

The approximate coverage per pack at even consistency is as follows:

10-12 mm on brick wall 14-15 sq.ft. & it differs depending on finish of the wall & block used to apply.

Note: The coverage depends on the quality and nature of the substrates. The above mentioned coverages are just for indication.

Cleaning:

Renderoc Ready Plaster should be removed from tools, equipment, and mixers with clean water immediately after use. Cured material can only be removed mechanically.

Limitations:

The product should not be used when the temperature is below 5°C and falling. The product should not be exposed to running water on the application area during application. Exposure to heavy rainfall prior to final set may result in surface scour. When the air or contact surface temperatures are 5°C or below on a falling thermometer, warm water (30°C to 40°C) is recommended to accelerate strength development.

Normal precautions for winter working with cementitious materials should then be adopted, specifically protecting the mortar from freezing in the first 48 hours after placing.

Do not add any additional substance, like cement, sand etc. or extra water to alter pot life of the mix. These may adversely affect the performance of the product.

Storage conditions:

Renderoc Ready Plaster has a shelf life of 6 months when stored in covered dry shed and in sealed bags.

If stored in high temperature and high humidity locations, the shelf life may be reduced.

Precautions:

Health and safety:

Renderoc Ready Plaster is alkaline and should not come into contact with skin and eyes. Inhalation of dust during mixing should be avoided.

Gloves, goggles and dust mask should be worn.

If contact with skin occurs, it shall be washed with water. Splashes to eyes should be washed immediately with plenty of clean water and medical advice sought.

For further information refer to the appropriate Safety Data Sheet also available at www.fosroc.com.

Fire:

Renderoc Ready Plaster is non-flammable.

Separate datasheets are available on these products.

Additional information:

FOSguard is a registered brand owned by FOSROC for building care products. "YOU BUILD. WE PROTECT" is our commitment from the brand of FOSguard.

With our commitment to our valued customers for providing a complete solutions for the buildings, we have host of products including concrete admixtures, waterproofing, repairs, grouts, anchors, protective coatings, sealants, mould release agents and curing compounds.

For further information please contact our local Fosroc office.



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Important note :

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it.

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