

Renderoc Wallputty

White cement based polymer modified putty

Uses

Renderoc Wallputty can be used as mentioned below:

- Interior walls
- Exterior walls
- Fresh wall as well as repainting of walls
- Concrete blocks and panels
- Aerated light weight blocks
- Plastered brick and block wall
- Precast walls & ceilings

Advantages

- Smooth and glossy white finished surface
- Provides ideal base as a primer for painting.
- No curing required post application.
- Low VOC.
- Excellent workability which makes ease for application.
- Suitable for interior as well as exterior.
- Accepts any kind of paint or distemper application on it.
- No peeling, flaking or blistering & improved life for paint finishes.

Description

Renderoc Wallputty is a perfect blend of white cement, special polymers and minerals which protects & smoothenes walls and is especially suitable for all types of cementitious surfaces like concrete, rendered wall, blocks and panels, precast walls & ceilings and plastered surfaces.

The product being pure white in colour, any shade of paint comes alive on it and starts reflecting its true tone. It has strong adhesive properties which provides a powerful bond between the base and the paint, making it an ideal subsurface for all interior, ceiling and exterior walls ensuring a longer life for the painted surfaces.

Technical Support

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

Properties

Sl No	Requirements	Test Method	Specification
1	W/P ratio	-	0.30 - 0.40
2	Wet Density	-	1.5 - 1.9 gm/cc
3	Bulk Density	-	1.3 - 1.5 gm/cc
4	Setting Time (Initial)	IS:4031 (part-5)	> 30 min
5	Setting Time (Final)	IS:4031 (part-5)	< 600 min
6	Pot Life	-	> 90 min
7	Workability	-	Good
8	Chalking	-	No
9	Compressive Strength	EN 1015-11	> 6 N/mm ²
10	Dry Adhesion 14 days	ASTM 4541 & EN 1015-12	Min 0.8 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:

Renderoc Wallputty shall be a prepacked material requiring only water addition for excellent workability which makes ease for application at site to get smooth and glossy white finished surface. The material should have self – curing properties. The product shall have compressive strength > 6 MPa and bond strength 0.8 MPa.

Application Instructions:

Surface Preparation:

New surface requires preparation such as removal of dust, dirt and foreign matter. In case of cracks, voids and damages, recommend our repair products.

If surface plaster is rough, apply white cement / white cement mortar and level the surface. Cure the surface for 2 days, before starting putty coat. Surface should be in just-wet condition, prior to putty application.

If the surface was made by cement ghutai (smoothening) which normally is very smooth, bonding with putty may not become sufficiently strong. Scraping the surface with emery stone/paper is recommended before putty application.

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In case of wall exposed to sun, more water spraying shall be done to take away heat from the surface and then bring wall to just-wet condition.

Mixing:

Mix Renderoc Wallputty adding 35 - 40% water by volume to prepare paste of desired consistency.

Mix vigorously for 5-10 minutes for making lump free and uniform paste.

Product should be mixed in such quantities that it could be used within 2 hours of its preparation.

Mixing could be done manually or by suitable electric mixer.

Application:

- Ensure that surface is clean and plastered or made with cementitious material.
- Ensure that surface is moderately rough (Neither too-rough nor too-smooth).
- Ensure that surface is just-wet. Over wetting should be avoided
- Apply first coat. Use spatula/ blade / trowel on the wall with bottom to top configuration.
- Apply second coat preferably after 4 hrs in hot Season and after 12 hrs in cold season. Second coat shall be applied horizontally to even out application marks of 1st coat, if any.
- Re-mix putty paste again for @ 1 minute, if it is left undisturbed for @ 30 minutes.
- Allow complete drying for @ 3 days and then use fine emery paper to remove application mark, if any

OR

Half an hour after application of 2nd coat smoothing could be done with trowel.

- Paint could be done after 3 or more days of putty work but it shall be ensured that putty is completely dry before applying paint.

Packing and Estimation:

Packing:

Renderoc Wallputty is supplied in 1, 5, 20 & 40 kg bag.

Coverage:

The coverage depends on the required consistency, surface finish and finished thickness. The product is recommended for 2 coats of application (1.5mm 1st coat and 1mm 2nd coat)

The approximate coverage per kg at even consistency is 3.25 sq.m/mm thickness/kg.

Cleaning:

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

Limitations:

The product is not recommended for use on painted or other non-cementitious surfaces.

Do not directly apply on the fungus and moss affected areas.

Do not apply directly on the dust, loosely bonded particles, oil, Grease etc affected surfaces.

Storage conditions:

Renderoc Wallputty has a shelf life of 12 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 Wallputty 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 available at www.fosroc.com.



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Fire:

Renderoc Wallputty is non-flammable.

Additional information

FOSguard is registered brand owned by FOSROC for building care products. With our commitment to our valued customers for providing a complete solutions for the buildings we have host of products including waterproofing, repairs, grouts, anchors protective coatings , sealants , mould release agents and curing compounds

“YOU BUILD. WE PROTECT” is our commitment from the brand of FOSguard.

For further information please contact our local Fosroc office.



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