

PUTTY PLUS

Wall Putty

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Product Description

Magicrete – Putty Plus is a polymer modified white cement-based wall putty specially developed as a finishing coat to cover the unevenness and pinholes created by plastering and to prepare the wall/surface for painting. It can also be treated as a base coat for painting. It is manufactured under strict quality-controlled environment using state-of-the-art automatic SCADA/PLC controlled machines.

Application Areas

For interior and exterior plastered surface, asbestos sheet, Mivan plaster, etc.

Advantages

- No requirement of primer
- Protects expensive paint from flaking, dampening and peeling off
- Reduces paint consumption
- Superior paint finish
- High Bond Strength
- No shrinkage cracks
- No curing required
- Easy to use
- Economical
- Premixed

Suitable Substrates

- Plastered Surfaces made up of AAC Blocks, Concrete Blocks, Concrete Hollow Blocks, Cellular Concrete Blocks or Fly Ash Bricks
- Asbestos Sheet
- Mivan Walls

Packaging

20kg and 40kg bag

Colour

White Powder

Coverage

Coverage is based on smoothness and evenness of the substrate, type of plaster done and the thickness of mortar used.

A coverage of 520-560 Sq. Ft. per bag of 40 Kg is received when applied in two coats of 1-1.5 mm each

Prepare wall putty by adding Magicrete – Putty Plus+ to 35-40% of water and not vice versa.

Shelf Life

Factory packed bags of Magicrete – Putty Plus carries a shelf life of 6 months, if stored in cool & dry place. However, as temperature, humidity, water addition & other parameters vary from site to site, the information should be treated as a general guideline.

Technical Data

Applicable Standard:

Conforms to Housing Development Board (HDB) Standards, Singapore

Performance Properties:

Magicrete Putty Plus mixed with water

| Test | Results |
|---------------------------|----------|
| Compressive Strength | >8.5 MPa |
| Flexural Strength | >2.1 MPa |
| Tensile Adhesion Strength | >1.0 MPa |

Working Properties:

| | |
|----------------------------|----------------|
| Pot Life | 90-100 Minutes |
| Initial/Final Setting Time | 270/300 Mins. |
| Water Retentivity | 99.60% |

Installation Method

Surface Preparation:

The application surface/substrate must be free from loose particles or any other foreign material prior to commencement of work/application of any Magicrete products. Pre-wet or dampen surface with good quality fresh water, if necessary.

Mixing:

Mix 1 Kg of Magicrete Putty Plus in 350-400 ml of water in clean bucket and not vice-versa. Mix continuously by hand or using an electrical stirrer to obtain a homogenous lump-free paste. Leave the mix to slake for 10 minutes. Remix the paste for about 2 minutes before use. Use the mixture within 45-50 minutes of preparation.

Application

Dampen the surface to be plastered with clean water. Use a steel trowel/blade to apply the mixture of about 0.5-1 mm thickness. Level and smoothen the surface and cure the first coat lightly once it dries. Apply the second coat of 0.5-1 mm thickness once the first coat is fully dried and set.

The thickness of each coat should not exceed 1 mm and the total thickness of putty should not be more than 2 mm. Smoothen with steel trowel or sand paper, if required.

Troubleshooting

| Problem | Possible Reasons | Recommendations |
|--|---|---|
| Mix is not properly adhering to substrate | <ul style="list-style-type: none"> • Water taken is not proper • Mixing with water is not proper • Wetting is not done of substrate • Mix has lost its plasticity and is set before application | <ul style="list-style-type: none"> • Use appropriate recommended water content • Mix properly. Use of slow speed stirrer is recommended. • Do proper wetting before application • Use mix within 90-120 Minutes |
| Putty is Chalking | <ul style="list-style-type: none"> • Pre-wetting of substrate not done • Pre-wetting of 1st coat not done | <ul style="list-style-type: none"> • Do proper wetting before application • Pre-wet 1st coat before application |

Availability

Magicrete materials are available across India.

For distributor information:

Toll Free: 1800-274-55-55

Limitations

Adhesives/ mortars and grouts for blocks and bricks are not replacements for waterproof membranes. When a waterproof membrane is required, use a different product for the same.

Cautions

- During cold weather, protect finished work from use until fully cured.
- Contains Portland cement and dolomite. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water at least for 15 minutes and seek medical help if burning continues.
- Do not take internally. It may serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children

Warranty

Magicrete Building Solutions Pvt Ltd warrants that PUTTY PLUS, white cement-based wall putty is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of six (6) months from date of manufacture, subject to the terms and conditions stated in MAGICRETE Product Warranty.

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***Disclaimer:** Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions. There are no expressed or implied guarantee/warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.*