

MAGIC PLASTTM

Gypsum Plaster - Elite

Contents

- Product Description
- Application Areas
- Advantages
- Suitable Substrates
- Packaging
- Colour
- Coverage
- Shelf Life
- Technical Data
- Installation Method
- Recommended tools for application
- Troubleshooting
- Availability
- Limitations
- Cautions
- Warranty

Product Description

Magic Plast - Gypsum Plaster Elite is a single-coat gypsum plaster suitable for internal wall surfaces made up of block, brick or stone. Special additives & aggregates added in Magic Plast gives better surface finish, coverage and workability as compared to normal gypsum plaster. It is manufactured under strict quality-controlled environment using state-of-the-art automatic SCADA/PLC controlled machines.

Application Areas

For interior walls.

Advantages

- High Strength
- Smooth Finish
- Excellent Coverage
- Crack Free Wall
- Single Coat Application
- No curing required
- High Thermal Insulation
- Easy to use
- Faster Application
- Economical

Suitable Substrates

- AAC Block/Concrete Block Wall
- Red Clay Brick Wall
- Cement Mortar Blocks/Brick Wall
- Concrete Hollow Block Wall
- Cellular Concrete Block Wall
- Stone Wall
- RCC
- Fly Ash Brick Wall

Packaging

25kg bag

Colour

White Powder

Coverage

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

A coverage of 22-24 Sq. Ft. per bag of 25 Kg is received when applied with a thickness of 12-13 mm

Prepare plaster by adding Magic Plast – Gypsum Plaster to 28-30% of water and not vice versa.

Shelf Life

Factory packed bags of Magic Plast – Gypsum Plaster carries a shelf life of 3 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 IS-2547 (Part – II) - 1976

Performance Properties:

Magic Plast – Gypsum Plaster mixed with water:

Test	Results
Compressive Strength	>4.15 MPa (3 days)
Dry Set Density	2086 kg/m ³
Dry Bulk Density	650-710 kg/m ³

Working Properties:

Pot Life	15 Mins.
Initial Setting Time	12-15 Mins.

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:

Add a bag of Magic Plast – Gypsum Plaster Superfine to water in clean bucket and not vice-versa in a ratio of 1:1.5. Mix continuously by hand or using an electrical stirrer for 4-5 minutes to obtain a homogenous lump-free paste. Prepare plaster mix which should not last for more than 15 minutes. Do not mix additional dry material once the mix begins to set.

Application

Apply the plaster to surface using a steel trowel or wooden float to ensure optimum bonding.

The thickness of each coat should not exceed 13 mm. If a thickness of more than 13 mm is desired than it can be done after drying of first layer.

In order to apply Magic Plast – Gypsum Plaster Elite on RCC surface i.e. ceiling, columns or beams, the surface must be properly hacked using a pointed hammer to create roughness and generate mechanical bonding. Failing to do so might result in de-bonding of the material from the surface at later stage.

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
Cracks are generated on plastered surface	<ul style="list-style-type: none"> • Pre-wetting of substrate not done 	<ul style="list-style-type: none"> • Do proper wetting before application

Availability

Magicrete materials are available across India.

For distributor information:

Toll Free: 1800-274-55-55

Limitations

Magic Plast – Gypsum Plaster is not a replacement 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.
- 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. May cause 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 MAGIC PLAST – GYPSUM PLASTER ELITE, is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of three (3) months from date of manufacture, subject to the terms and conditions stated in MAGICRETE Product Warranty.

Magicrete Building Solutions Pvt Ltd.

702 B, 22 Business Point, S V Road,

Andheri Station,

Mumbai – 400058

Tel: +91-22-42643932

E-mail: info@magicrete.in

Website: www.magicrete.in

***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.*