



## Gypsum Plaster

Sprayable Premixed Gypsum based Plaster

### Uses

- Internal plaster on masonry walls: CMU, AAC
- Plastering on fair-faced concrete and precast panels.
- Improving thermal resistance and fire resistance properties as well as sound dampening.
- Fire Resistant Plaster for Interior walls

### Product Description

Gypsum Plaster is composed of a semi hydrated gypsum, hydrated lime, selected aggregates, and special additives. It is supplied as a dry powder in pre-weighed bags ready to use on-site, which requires only the addition of clean water to produce a cohesive mix. Gypsum Plaster is a high-quality product and provides a very smooth surface as an underlayment for paints, decorative coatings & wallpapers.

### Advantages

- Factory-controlled pre-blend ensures consistency.
- Self curing, it does not require water curing.
- No shrinkage cracks and fast setting time.
- can be applied directly on CMU/AAC walls without the need for spatter dash coat.
- Requires only the addition of water on-site at the time of usage.
- It can be applied by using a plastering machine.
- Easy application, Fast Project Progress
- Strong adhesion on a variety of substrates.
- A good smooth finish can be achieved.
- Increase building thermal insulation & fire resistance

### Technical Data

Gypsum Plaster	Typical Values @ 25°C
Appearance	White Powder
Maximum Aggregate Size (mm)	Up to 1.35
Wet Density (kg/ltr)	1.7
Application Thickness (mm)	5 to 20
Open Time (Minutes)	30
Setting Time (Hours)	2 - 3
Compressive Strength @ 28 day (ASTM C472) (N/mm <sup>2</sup> )	> 4
Flexural Strength @ 28 day (ASTM C348) (N/mm <sup>2</sup> )	> 1.5
Thermal Conductivity K value @ 28 day (ASTM C518) (W/m.K)	0.3740
VOC (g/L.)	< 10

### Standards Compliance

- ASTM C28
- ASTM C842
- EN 13279-1

## Usage Instructions

### Surface Preparation

The substrate should be sound, clean, free from loose material, grease, laitance, dirt curing compound, etc.

Before Gypsum Plaster application, wet the entire surfaces with clean potable water and dry before Gypsum Plaster application. For masonry wall, gypsum plaster can be applied directly.

### Smooth Concrete Surfaces

For smooth concrete substrates, apply vetonit Spatter Dash-MC at 4 - 6 mm., and cure for at least 3 days.

### Mixing

For manual mixing, add to the mixing container 11.5 - 13 liters of water for each 40 Kg bag of Gypsum Plaster. For machine application, a water flow rate is adjusted till mortar consistency is achieved. Add the powder to the water and mix with a mechanical plaster mixer or low-speed electric drill fitted with a suitable paddle for 3-4 minutes until achieving a uniform, lump-free consistency.

Blend Gypsum Plaster manually for small quantities and maintain the correct amount of powder to water. Mix for approximately 1-2 minutes until achieving a homogeneous mix.

Use the mixed material within 30 minutes. Do not add water once the mixed plaster mortar starts to stiffen or harden.

### Application

Gypsum Plaster is generally applied in a single coat.

Apply the mixed material using a spray machine or trowel technique to cover the desired thickness area. Lightweight leveling tools are required in conjunction with a trowel to fill in holes.

When the plaster stiffens lightly, treat the surface to a smooth level to eliminate all traces of protrusions and undulations.

Let the plaster set for about 30 min. Using a wet sponge, wipe the surface to a creamy smooth finish.

### Curing

Let the Gypsum Plaster fully dry. Do not use water. Apply paints & coatings once the plaster dries out completely, generally after 7 days.

### Legal Disclaimer

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Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

### Cleaning

Clean all tools immediately after finishing by water.

Clean hardened materials mechanically.

## Packaging & Coverage

Product	Pack Size	Consumption
Gypsum Plaster	40 kg Bag	~ 1.7 kg/m <sup>2</sup> /1 mm.

Stated consumption data are for general guidance. Actual consumption depends on the nature of the substrate, method of application, and wastage.

### Shelf Life & Storage

The original sealed bag of Gypsum Plaster has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place, at temperatures between 5°C to 35°C.

### Limitations

- Do not mix with any additives or products unless recommended by Saveto.
- Make sure the substrate is suitable for plaster coat application. In case of doubt, try on the sample area to assess its suitability.
- Do not apply the product at a temperature less than +5°C nor more than 40°C
- During the summer season, the working area must be covered to prevent ill-effects from direct sun and excessive air-draught during the initial curing stage.

For further information contact our technical department.

### Health & Safety

Gypsum Plaster is alkaline; therefore, avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. Any skin contact should be wash with soap & water. In case of eye irritation, immediately wash with a copious amount of clean cold water. Seek medical advice.

Gypsum Plaster is non-flammable.

For further information, please refer to the product material safety data sheet.