



# Gypsum Plaster

High quality gypsum plaster

## Uses

- Internal plaster on block walls and rough surfaces.
- Plastering on fairfaced concrete and precast panels subsequent to Spatter Dash SB scratch coat.
- Improving thermal resistance properties as well as sound dampening.

## Product Description

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

## Advantages

- Factory controlled pre-blend ensures consistent high quality.
- Requires only addition of water on-site at the time of usage.
- Can be applied by plastering machine.
- Single coat application with improved workability.
- Easy application with uniform work flow enables high productivity & superior finishing.
- Strong adhesion on variety of substrates.
- A good smooth finish can be achieved.
- Suitable for normal humid & dry conditions.

## Standards Compliance

- ASTM C28, ASTM C22, ASTM C842
- BS EN 13279 - 1&2
- ASTM C472

## Technical Data

Gypsum Plaster	Typical Values @ 25°C
Appearance	White Powder
Maximum Aggregate Size	Up to 1.35mm
Wet Density	1.75 kg/liter $\pm$ 0.1
Application Thickness	3 to 20 mm
Open Time	30 minutes
Adjustability	10 - 15 minutes
Setting Time	3 - 5 hours
Compressive Strength ASTM C472	> 4 N/mm <sup>2</sup> @ 28 Days
Flexural Strength ASTM C348	> 1.5 N/mm <sup>2</sup> @ 28 Days
Bond Strength EN 1015 - 12	> 0.4 N/mm <sup>2</sup> @ 28 Days

## Usage Instructions

### Surface Preparation

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

Prior to Gypsum Plaster application, wet the entire surfaces with clean potable water and allow to dry.

## Mixing

For manual mixing, add to the mixing container 11.5-13 litres of water for each 35 Kg bag of Gypsum Plaster or 450 - 650 Ltr/hr for machine application. 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 a uniform, lump-free consistency is achieved.

Leave the mixed material to stand for 5 min and briefly remix without addition of water.

Manual mixing is allowed for small batch quantities and mix for approx. 1-2 min or when homogenous mix is achieved.

## Smooth Concrete Surfaces

Add 0.5 litres of Vetonit Bond 2 to the mixing water and adjust the water requirement accordingly for each 35kg bag. Follow same mixing procedure as above.

Spatter dash SB should be applied prior the application on smooth surfaces if Saveto bond 2 not in use.

Mixed material must be used within 30 minute. Do not add water once the mixed plaster mortar start to stiffen or hardened.

## Application

Gypsum Plaster is generally applied in a single coat method. Use directly on block walls & rough surfaces. On smooth concrete surfaces, Spatter Dash SB layer should be applied before or add 0.5 liters of Vetonit Bond2 for each bag of Gypsum Plaster.

Apply mixed material using spray machine or trowel technique to cover the area to desired thickness. Lightweight leveling tools are required in conjunction with 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 wet sponge, wipe the surface to a creamy smooth finish.

## Curing

Let the Gypsum Plaster to fully dry itself. Do not use water.

Paints & Coatings can be applied once the plaster has dried out completely, generally after 7 days.

## Packaging & Coverage

Product	Pack Size	Consumption
Gypsum Plaster	35 Kg Bag or Bulk	1.75 Kg /m <sup>2</sup> / 1mm thickness

Stated consumption data are for general guidance. Actual value depends on the nature of substrate, method of application & wastages.

## Shelf Life & Storage

Original sealed bag of Gypsum Plaster has a shelf life of 12 months provided it is stored clear of ground in a dry and shaded place.

## 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 sample area to assess its suitability.
- Do not apply the product at temperature less than +5°C. During summer season the working area must be covered to prevent ill-effects from direct sun and also excessive air-draught during initial curing stage.
- Tools should be cleaned with water before the mortar hardens. After the hardening its residuals can be removed mechanically only.
- 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 eyes irritation, immediately wash with copious amount of clean cold water. Seek medical advice.

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

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