



Plaster Gypsum

High quality gypsum plaster

Uses

- Internal plaster on block walls and rough surfaces.
- Plastering on fair-faced concrete and precast panels.
- Improving thermal resistance properties as well as sound dampening.

Product Description

Plaster Gypsum 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 the addition of clean water to produce a cohesive mix. Plaster Gypsum 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.
- High quality.
- Requires only the addition of water on-site at the time of usage.
- It can be applied by using a plastering machine.
- Single coat application with improved workability.
- Easy application with uniform workflow enables high productivity & superior finishing.
- Strong adhesion on a variety of substrates.
- A good smooth finish can be achieved.
- Suitable for normal humid & dry conditions.

Technical Data

Plaster Gypsum	Typical Values @ 25°C
Appearance	White Powder
Maximum Aggregate Size (mm)	Up to 1.35
Wet Density (kg/ltr)	1.7
Application Thickness (mm)	3 to 20
Open Time (Minutes)	30
Setting Time (Hours)	2 - 3
Compressive Strength @ 28 day (ASTM C472) (N/mm ²)	> 4
Flexural Strength @ 28 day (ASTM C348) (N/mm ²)	> 1.5
Bond Strength @ 28 day EN 1015 - 12 (N/mm ²)	> 0.4

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 Plaster Gypsum application, wet the entire surfaces with clean potable water and dry before Plaster Gypsum application.

Mixing

For manual mixing, add to the mixing container 10 - 12 liters of water for each 35Kg bag of Plaster Gypsum. For machine application, a water flow rate of 450 - 650 Ltr/hr is recommended. 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 Plaster Gypsum manually for small quantities and maintain the correct amount of powder to water. Mix for approximately 1-2 minutes until achieving a homogeneous mix.

Smooth Concrete Surfaces

For smooth concrete substrates, use a sandblast or wire brush to clean and prepare the surface. Optionally, and for more adhesion, add 0.5 liters of Vetonit Bond 2 to the mixing water.

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

Application

Plaster Gypsum is generally applied in a single coat. Use directly on block walls & rough surfaces. On smooth concrete surfaces, follow the above-mentioned recommendations.

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.

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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.

Curing

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

Apply paints & coatings once the plaster dries out completely, generally after 7 days.

Cleaning

Clean all tools immediately after finishing by water. Clean hardened materials mechanically.

Packaging & Coverage

Product	Pack Size	Yield
Plaster Gypsum	35kg Bag or Bulk	27 liters wet / 35kg bag dry

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 Plaster Gypsum has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place, at temperatures between 5°C - 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.
- 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

Plaster Gypsum 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.

Plaster Gypsum is non-flammable.

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