



Plaster Gypsum

High-quality gypsum plaster

Uses

- To plaster block walls and rough surfaces (Indoors).
- Plastering fair-faced concrete and precast panels.
- Improving thermal resistance properties and sound dampening.

Product Description

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

Advantages

- Factory-controlled pre-blend ensures consistency high-quality.
- Requires only the addition of water on-site at the time of use.
- It can be applied by using plastering machines.
- Single coat application with improved workability.
- Easy application with a uniform workflow (this enables high productivity and superior finishing).
- Strong adhesion onto a variety of substrates.
- Ideal to achieve a smooth finish.
- Suitable for humid and dry conditions.

Technical Data

Plaster Gypsum	Typical Values @ 25°C
Appearance	White Powder
Maximum Aggregate Size (mm)	Up to 1.35
Wet Density (kg/liter)	1.7
Application Thickness (mm)	3 - 20
Open Time (Minutes)	45 - 60
Setting Time (Hours)	2 - 3
Compressive Strength @ 28 day ASTM C472 (N/mm ²)	> 3
Flexural Strength @ 28 day ASTM C348 (N/mm ²)	> 1
Bond Strength @ 28 day EN 13279-2 (N/mm ²)	> 0.4

Standards Compliance

- ASTM C28
- ASTM C842
- BS EN 13279-1 Type B2

Usage Instructions

Surface Preparation

The substrate should be sound, clean, & free from loose material, grease, laitance, dirt, curing compounds, etc. Before applying Plaster Gypsum, wet the surface with clean potable water and dry it.

Mixing

For manual mixing, add 10 - 12 liters of water (for each 35-Kg bag of Plaster Gypsum) to a mixing container. (For machine application, a water flow rate of 450 - 650 Ltr./Hour is recommended).

Add the powder to the water and mix with a mechanical plaster mixer or a low-speed electric drill fitted with a suitable paddle for 3 - 4 minutes until a uniform, lump-free consistency is achieved..

You can mix Plaster Gypsum manually (for small quantities), however, you must maintain the correct ratio of powder:water. Mix for approximately 1 - 2 minutes until you have a homogeneous mix.

Smooth Concrete Surfaces

Sand blast smooth concrete substrates to make sure they're clean and prepared (You can also use a wire brush)

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 begins to harden.

Application

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

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

When the plaster lightly hardens, treat the surface to a smooth level to eliminate all traces of protrusions and undulations (waves). Let the plaster set for about 30 minutes, then, and using a wet sponge, wipe the surface to a creamy smooth finish.

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.

Curing

Let the Plaster Gypsum fully dry and Do not use water to cure it. Apply your choice of paints and coatings once the plaster dries completely (this generally happens after 7 days).

Cleaning

Clean tools and equipment with water immediately after use. Remove hardened material mechanically.

Packaging & Coverage

Product	Pack Size	Yield
Plaster Gypsum	35 Kg Bag (or bulk)	27 liters (wet) 35 kg 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's stored clear off the ground, in a dry and shaded place, & at a temperature between 5 and 35°C.

Limitations

- Do not mix with any additives or products unless recommended by Saveto.
- Make sure the substrate is suitable for plaster application. In case of doubt, try on a sample area to assess suitability.
- Do not apply the product at a temperature less than +5°C.
- During the summer season, cover the working area to prevent ill-effects from direct sun and excessive air-draughts (during the initial curing stage).

Contact Saveto's technical department for further information.

Health & Safety

Plaster Gypsum is highly alkaline; therefore, avoid it coming in direct contact with your eyes or skin. It is recommended to use protective gloves and goggles during the application process. Any skin contact should be washed with soap and water. In case of eye irritation, immediately wash with a copious amount of clean cold water and seek medical attention.

Plaster Gypsum is non-flammable.

For more information, refer to the material safety data sheet.