

Superstar Gypsum™ D1



**Premium Quality Gypsum Plaster For
Multi Purpose Application**



**Super Setting
Time**



**Humidity
Resistant**



**Shrinkage
Compensated**

Eco-Efficient • Light Weight • High Strength • Smooth Finish

COMPANY PROFILE

Superstar Gypsum Private Limited is an Indian organization that manufactures gypsum plaster. Since its establishment in 2016 in Mumbai, the company has focused on providing building solutions that emphasize value and aesthetics. The company aims to combine creativity with reliability and long-lasting value through various product offerings. And has completed numerous projects within the specified timeframes, in collaboration with well-known architects, project management consultants, and construction companies.

SUPERSTAR GYPSUM PRIVATE LIMITED

Superstar Gypsum Private Limited is a processed gypsum-based wall plaster ideal for internal plastering on bricks, blocks or RCC. It consists of pure gypsum hemihydrate formulated with special additives to control application and setting characteristics. It provides a super white surface and smooth finish. It delivers premium quality and is eco-friendly as per the relevant international standards.

FEATURES

- Eco-Efficient
- Light Weight
- High Strength
- Smooth Finish
- Super Setting Time
- Shrinkage Compensated
- Humidity Resistant
- Fire Resistant
- Sound Absorbent

MIXING INSTRUCTIONS

In a clean bucket pour approximately 17 Ltrs of clean water per 25kg gypsum powder bag. (Water and Gypsum Powder ratio is 0.65 - 0.70:1.0)

Empty the gypsum powder bag into the bucket and let it soak for 1 minute.

Mix the content either mechanically or manually till it reaches homogenous mixture.

APPLICATION INSTRUCTIONS



- The background to be plastered should be thoroughly brushed with a broom to remove dust and loose mortar on the existing wall surface. For ceilings, it is most important that the concrete slab should be clean, dry and free from mould oil. It is advisable to wet the wall and ceiling surface to achieve good workability.
- Always mix powder to water and not water to powder. It should be thoroughly mixed and should be free from lumps and foreign material before use. Normally consistency or water plaster ratio of the plaster should be 0.65-0.70 i.e. for 1000 grams of powder 650-700 grams of water is recommended for better performance.
- Only the required material should be prepared, as per the area of application is ready to plaster. Set plaster shortens the setting time and thus reduces the workability.
- Do not add water to delay the setting time, after the initial setting time is completed, as the material will lose its bonding properties and strength.
- It is suggested that plaster of paris masons to do good workmanship as compared to pop works. For top coat after applying of gypsum plaster, a thin coat of same material should be prepared, in paste form and should be applied by using putty blade to provide a smooth finish, do not apply water brush on the Finished surface.
- After complete drying (which depends on the thickness of the plaster applied), usually 3-4 days, the surface can be painted with any water soluble paint, such as emulsion paint, except cement paint.
- Do not apply Gypsum while temperature is below freezing. Ideal Temperature for application is 5° to 45°.

COMPARISON BETWEEN GYPSUM PLASTER & TRADITIONAL PLASTER

Traditional Sand-Cement Plasters	Superstar Gypsum Plaster	Advantages
Continuous monitoring required while mixing	No continuous monitoring required as it premixed	Being pre mixed plaster gives continuous finish on walls
Pre and Post curing is required on walls	Nor curing required	It saves time and wastage of water also
After traditional plaster due to rough finish POP finish is required	No POP Finish is required	No additional cost of POP finish and thus saves time and money
Reflects sound and does not control humidity	Absorbs sound and control humidity	Makes wall more soundproof
High percentage of wastage during application	Nominal wastage during application	Less amount of raw material wastage

TECHNICAL SPECIFICATIONS

Product/ Parameters	Superstar Gypsum (D1)
Technical Name	Hemihydrate Gypsum Plaster
Color Of Finish Surface	Brownish Off White
Dry Bulk Density (kg/cm ³)	663
Setting Time	15-20 Mins
Compressive strength (mpa)	12.2
Workability	Easy
Coverage	At 8-13 mm thickness 20-22 Sq Ft
Recommendation	Superstar Gypsum (D1) to be directly applied on plaster surface

COST BENEFITS

Sand Plaster* With	POP Per Sq Ft	Superstar Gypsum Plaster* Per Sq Ft
Material Cost Of Plaster Per Sq Ft	₹ 20	₹ 12
Labor Cost Of Plaster Per Sq Ft	₹ 10	₹ 10
Material Cost Of P.O.P Per Sq Ft	₹ 8	Nil
Labor Cost Of P.O.P Per Sq Ft	₹ 6	Nil
Total Cost Per Sq Ft	₹ 44	₹ 22

*The above are indicative rates and may change time to time as per site conditions

Net 50% Savings



Superstar Gypsum

Private Limited

THICKNESS

Gypsum plasters are applied using hawk and trowel method as per the recommended practice where the thickness in one application should not exceed 15mm. Recommended thickness of applied plaster should be 3mm to 15mm max, however higher thickness plaster can be applied in more than one application. It can be applied on most existing surfaces. The suitability of particular background should be considered in relation to its strength, suction, bonding properties, shrinking or thermal movement's characteristics, water, and soluble salt content.

HANDLING & STORAGE

Always back-fold bag after taking out the material to keep it free from moisture and atmosphere. Bags should be stored in dry place, and free from water, after using the powder from the bag, the incomplete bag should be tied and closed. Consignments should be used in strict rotation. Wooden platforms should be used while storing on floor to avoid moisture absorption.

SAFETY GUIDELINES

- Not Inflammable, May irritate eyes or sensitive skin. Dust may irritate respiratory system.
- Usage Of Protective Gears (Glasses & Gloves) are recommended.

SHELF LIFE & PACKAGING

Shelf Life

Approx. 6 months from Date of Manufacturing
(Sealed bag left in dry condition)

Packaging

Available in 25 Kg Bag

Scan this code to
visit the official webpage

