

● Building Strength, Shaping the Future



Product Introduction

Betou Gypsum (Gipton) Damash is a premium gypsum-based plaster designed for undercoating in interior building applications. With its high surface hardness, it provides an ideal base for concrete coatings and ceiling foam panels, effectively preventing cracks and ensuring a durable, smooth finish for walls and ceilings.

Attributes

- Saves time during project execution.
- Provides significant cost savings.
- Eliminates the need for plaster base preparation.
- Removes the requirement for scratch coat application.
- Prevents potential cracking on the plastered surface.
- Prevents plaster from flaking after full drying.
- Allows application of various finishes on Gipton plaster (e.g., paint, wallpaper, PVC wall coverings, etc.) without concern for damage or cracking.
- Complies with the Iranian National Standards.
- Free from common defects of conventional building plasters, such as low setting strength.
- Offers optimal setting time, ideal for plaster corrections and adjustments.

Instructions for Use

To apply Gipton plaster, first select a clean container and fill it with the required amount of water. Gradually and continuously add the Gipton plaster powder to the water while stirring by hand or with a mixer until the desired consistency is achieved. The recommended mixing ratio is 1000 ml of water for 1400–1500 g of plaster.

For undercoating, Gipton plaster is typically applied at a thickness of 1 cm on surfaces such as concrete, foam, or polystyrene. Important: No additives or other materials, including conventional plaster or soil, should be mixed with Gipton plaster. The presence of any foreign substance may alter the chemical properties, reduce adhesion, and cause defects such as cracking, surface yellowing, or plaster falling from walls or ceilings.

Notes

Gipton plaster should be used within three months of the production date. Once a bag is opened, it should be used within one week.

The setting time of the plaster can be adjusted either chemically using specific additives under controlled laboratory conditions or, if such materials are unavailable, by modifying the water-to-plaster ratio. Increasing the amount of plaster results in a thicker mixture and faster setting, while increasing the amount of water produces a thinner mixture and slower setting. Only water should be used to mix this plaster. The ambient temperature during mixing and application must not fall below 5°C.

Applications

- Interior Base Plaster: Ideal for walls and ceilings as a foundational layer before applying the final surface finish.
- Crack Prevention: Prevents cracking on the plastered surface after drying, maintaining surface integrity.
- Substrate for Various Finishes: Suitable for painting, wallpaper, PVC wall coverings, and other finishes without compromising adhesion or surface quality.
- High Adhesion: Acts as a strong base on concrete, polystyrene, ceiling foam, and other building materials.
- Surface Leveling: Suitable for correcting and smoothing wall and ceiling surfaces before the final finish.
- Time and Cost Efficiency: Eliminates the need for additional base preparation and preliminary plastering operations, reducing project time and material consumption.

Other products

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Technical Data

Title	Unit	Result
Amount of powder	grams	1250-1350
Amount of water	milliliter	1000
The ratio of water/powder	percentage	70
Initial setting time	min	10 - 15
Final setting time	min	25-30
Compressive strength	N/mm ²	7 - 9
Bending strength	N/mm ²	3,5 - 4,5
Purity percentage	percentage	80 - 90
Granulation	micron (µm)	0 - 180
Sieve residue	percentage	3 - 5



MSGYPSUM plaster should be consumed no later than 6 months after the date of manufacture

گچ داماش Gypsum Damash



Mazandaran Semnan Gypsum Company, using modern technology and premium raw materials, produces a wide range of gypsum products including basecoat, finish, and specialized plasters. With high quality, standard setting times, excellent mechanical strength, and easy application, our products meet the demands of construction projects of all scales.

By combining expertise, innovation, and commitment to quality, we provide a solid foundation for building today and shaping the future of the construction industry.

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