

● Building Strength, Shaping the Future



Red Gypsum

Exterior Construction Plaster

Exterior Construction Plaster provides weather-resistant, smooth, and durable surfaces. Ideal for walls, facades, and outdoor finishing with strong adhesion and long-lasting results.

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Product Introduction

Exterior Construction Plaster is a high-strength outdoor plaster engineered to resist weather, moisture, and UV exposure. It delivers strong adhesion to masonry, concrete, or rendered surfaces, ensuring crack-resistant, durable facade finishing. Ideal for modern architectural exteriors.

Attributes

- High resistance to rain, frost, and sun damage
- Excellent adhesion to exterior substrates (concrete, brick, stucco base)
- Crack-free and stable finish under thermal expansion and contraction
- Durable finish that resists abrasion and impact
- Weatherproof surface that repels water and reduces moisture penetration
- UV stable; resists discoloration and fading over time
- Smooth application texture for clean, refined facades
- Suitable for one-coat or multi-coat systems depending on surface and climate
- Long service life with minimal maintenance required
- Compatible with paints, sealers, or topcoats without compromise

Instructions for Use

Select a clean mixing container and add clean water. Gradually add plaster powder to the water, mixing continuously by hand or with a mechanical mixer until a smooth, lump-free, uniform consistency is achieved. For optimal results, strictly follow the manufacturer's recommended water-to-powder ratio. Apply the plaster in thin, even coats, starting with a base or scratch coat if required, followed by a finish coat. Use a trowel or spatula to level and smooth the surface, ensuring full coverage and adhesion. Protect the freshly applied plaster from direct sunlight, rain, frost, or strong winds during the curing process. Allow sufficient curing time before painting, sealing, or exposing the surface to harsh weather conditions. Avoid adding foreign materials, as this can compromise adhesion, durability, and crack resistance.

Notes

Exterior Construction Plaster should be stored in dry conditions and used before its shelf-life expiry according to manufacturer. Do not mix with foreign materials (ordinary plaster, soil, additives) unless expressly permitted by product datasheet. Ambient temperature during mixing and application should not fall below approx. 5 °C.

Protect freshly applied plaster from direct rain, frost or extreme heat until curing is sufficient.

Use appropriate safety equipment; wear gloves, eye protection, avoid inhalation of dust.

Applications

- Exterior wall finishing and facades on concrete, brick, or masonry surfaces, providing long-lasting protection against weathering.
- Base render for surfaces before applying finishing coats or decorative textures, ensuring optimal adhesion and smoothness.
- Restoration and repair of weather-damaged exteriors, including areas affected by rain, frost, or sun exposure.
- Surface leveling and smoothing prior to painting or waterproof coatings, improving durability and appearance.
- Protective coating for plinths, balconies, and other exposed areas prone to water splash, abrasion, or mechanical impact.
- Use in climate zones with high variation in temperature and moisture, where crack resistance and surface stability are critical for long-term performance.

Other products

Transform your construction project with our premium materials! Contact us today to place your order and enjoy fast, reliable delivery right to your site



Technical Data

Title	Unit	Result
Amount of powder	grams	1300 - 1400
Amount of water	milliliter	1000
The ratio of water/powder	percentage	75
Initial setting time	min	7 - 8
Final setting time	min	21 - 25
Compressive strength	N/mm ²	8 - 10
Bending strength	N/mm ²	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

قرمز گچ روکار Red Exterior Construction Plaster



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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