



REZA GYPSUM



Producing:

- White Gypsum
- Undersurface Soil Gypsum (Zirkar)
- Soil Gypsum
- Micronised Gypsum



Reza Gypsum is the leading manufacturer of plaster-based products in Iran, with over 25 years of industry experience. The company was acquired by Seyed Bagher Oraee, the founder of the Iranian Gypsum industry, in 1999.

Under the management of Hooshang Oraee, Reza Gypsum has made expansion a top priority, increasing its production capacity significantly from 50 tonnes per day to 2,000 tonnes per day, enabling the company to tap into new markets in neighbouring countries.

Reza Gypsum is dedicated to adding value to its customers and benefiting society through innovation, sustainability, and a commitment to high-quality standards that align with international practices. The company also strives to contribute to a sustainable future by implementing climate-friendly production processes.

Today, Reza Gypsum remains focused on ensuring customer satisfaction and service quality. The company continues to diversify its product offerings and invest in technological advancements and energy transition to stay ahead in the Gypsum industry.

Reza White Gypsum

1. Applications:

Building plaster, making plaster work frames for interior decoration, and sculpture

2. Technical specifications of White Gypsum (National Standard 12015-1):

Test Type	Test Description	Minimum	Maximum
Chemical	% SO ₃	30	56
	%CASO ₄	50	95
Physical	Remained Percentage on Mesh 1.18mm	0.5	1.5
	Primary Hardening Time (min)	7	12
	Secondary Hardening Time (min)	18	30
	Compressive Strength (N.mm ²)	6	15
	Bending strength (N.mm ²)	2	7

3. Advantages of Reza Distinguished White Gypsum:

- **Excellent Granulation:** The fine particle size and purity of our gypsum enhance plastering quality, ensuring a smooth finish without impurities
- **Optimal Setting Time:** Our gypsum minimises material waste while accelerating the plastering process, improving overall efficiency
- **High Durability:** The superior quality of our gypsum results in a final product that exhibits exceptional strength and resistance
- **Lightweight Final Product:** Due to high-quality raw materials and meticulous baking process, our plaster remains lightweight without compromising on durability

Reza Undersurface Soil Gypsum (Zirkar)

1. Applications:

Mortar for floor arch, indoor screeding, 5 cm, and 10 cm bricking up, ceiling and wall lining

2. Technical specifications of Undersurface Soil Gypsum (National Standard 12015-1):

Test Type	Test Description	Minimum	Maximum
Chemical	% SO ₃	30	52
	%CASO ₄	50	87
Physical	Remained Percentage on Mesh 1.18mm	3	10
	Primary Hardening Time (min)	7	12
	Secondary Hardening Time (min)	18	30
	Compressive Strength (N.mm ²)	6	10
	Bending strength (N.mm ²)	2	5

3. Advantages of Reza Distinguished Undersurface Soil Gypsum (Zirkar):

- Superior Granulation: The fine particle softness and absence of impurities enhance plastering quality significantly
- Optimal Setting Time: This feature minimises material waste and accelerates the plastering process
- High Final Product Resistance: The premium quality of gypsum contributes to exceptional durability in the finished product
- Lightweight Composition: The superior quality of gypsum and meticulous baking processes result in a lighter final product

Reza Soil Gypsum

1. Applications: ceiling and wall lining

2. Technical specifications of Reza Distinguished Soil Gypsum (National Standard 12015-1):

Test Type	Test Description	Minimum	Maximum
Chemical	% SO ₃	30	50
	%CASO ₄	50	85
Physical	Remained Percentage on Mesh 1.18mm	3	10
	Primary Hardening Time (min)	7	12
	Secondary Hardening Time (min)	18	30
	Compressive Strength (N.mm ²)	6	10
	Bending strength (N.mm ²)	2	5



Reza Micronised Gypsum

Micronised Gypsum features a micrometer granulation and is carefully sieved for optimal performance. This specialised construction gypsum, characterised by its high mesh, is primarily used in the final stages of plastering.

Following the production of standard gypsum, the material undergoes a milling process that alters its granulation, transforming regular gypsum into micronised gypsum. The term "micronised" refers to its particle size, with granules measuring within the size range of 100 to 200 microns.

Micronised plastering gypsum boasts a granulation that is 2 to 2.5 times finer than that of standard plastering gypsum, resulting in superior plastering surface quality which is significantly more effective than regular gypsum for plastering applications.

1. Applications:

Plastering walls, columns, ceilings, and other parts of construction and, used for plaster works

The most important uses of micronized gypsum are as follows:

- Plastering interior walls and plastering in the form of finishing plaster
- Plaster works and decorative plastering
- Raw material to produce polymer and composite plasters
- Sculpture
- Molding – casting
- Production of industrial products such as sanitary porcelain



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