

CALCINED GYPSUM POWDER CHEMICAL ANALYSIS

Gypsum Plaster 200 Mesh

Product

Calcined Gypsum Powder
 (CASO₄ $\frac{1}{2}$ H₂O)

Packing

PP Bag 25 KG
 Jumbo bag 1 - 1.5 - 2 tons

Method of Delivery

In containers

Usage

- ✓ Building material
- ✓ Gypsum board factory

Bulk Density

1.05 gr/cm³

Molecular Mass

145 gr/cm³

Chemical Analysis

Parameters	Unit	Specification
Color	-	White
Initial Setting Time	Min	8-12
Final Setting Time	Min	13-18
Water Stucco Ratio	%	70-75
Compressive Strength	N/mm ²	15-17
Flexural Strength	N/mm ²	5-6
Fineness	%	200 mesh Sieve pass:> 96
CASO ₄ $\frac{1}{2}$ H ₂ O	%	>97.01
Sodium Chloride	%	<0.01
Silica Oxide	%	<0.53
Calcium Carbonate	%	0.08 – 0.09
Iron Oxide (Fe ₂ O ₃)	%	<0.05
Gypsum Binder Content	%	86.10
Adhesive Strength	N/mm ²	0.25
Surface Hardness	N/mm ²	4.33
Surface Coverage	Approx. 10.56sq. ft./1kg.@1 mm	

