CALCIUM SULPHATE HEMIHYDRATE

High Strength Casting Plaster

Formula: $CaSO_4 \cdot ½H_2O$

Calcium Sulphate Hemihydrate is a high-strength casting plaster produced through the partial dehydration of gypsum. It is designed to form a workable plaster when mixed with water and provides controlled setting characteristics suitable for casting and other gypsum-based applications.

KEY FEATURES

- High-strength casting grade
- Controlled setting characteristics
- Fine particle size
- Low moisture content
- Consistent mixing performance
- Calcium sulphate hemihydrate based

APPLICATIONS

- Casting plaster applications
- Plaster moulds and casts
- Gypsum-based products
- Decorative plaster products
- General plaster casting applications

PRODUCT SPECIFICATIONS

Parameter	Specification
Practical Water : Powder Ratio	90–120 : 100% w/w
Moisture	≤ 0.5% w/w
Mixing Time @ 300 rpm	1.0–3.0 minutes
Initial (Knife) Setting Time	7–13 minutes
Final (Gilmore) Setting Time	15–25 minutes
Fineness d90	100 mesh

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Specialty Chemical Experts

LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.

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This document is subject to revision without notice as new data becomes available.

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PACKAGING
Available in 25 kg PP bags.

STORAGE
Storage and handling conditions are not specified in the supplier TDS. Refer to the current Safety Data Sheet (SDS) for appropriate storage and handling requirements.

SAFETY

Refer to the current Safety Data Sheet (SDS) before handling or use.