

MOLDA SUPER

Construction Materials



PRODUCT DESCRIPTION

Molda Super is an unformulated alpha hemihydrate plaster ($\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$) produced from naturally occurring high purity gypsum mineral. It is used as a filler or raw material within proprietary formulations.

PRODUCT BENEFITS

- + Unformulated high purity plaster uses within proprietary formulations
- + Very fine particle size distribution, no coarse grains
- + Very low water demand
- + Can be mixed with a beta hemihydrate to match specific properties

TECHNICAL INFORMATION

Plaster to Water Ratio	
Plaster to Water Ratio (by weight)	2.55:1
Water to plaster ratio (by weight)	39%
Plaster to water mix ratio (by weight)	100/39
Chemical Properties	
Chemical Name	Calcium Sulphate Hemihydrate
Chemical Composition	$\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$
Minimum gypsum purity %	95
Colour	White
Setting Parameters	
Vicat Ring Fluidity (cm)	18.5
Initial setting time (minutes)	12.5
Mechanical Properties	
Flexural Strength (MPa)	11
Brinell Hardness (MPa)	105
Dry compressive strength (Mpa)	31
Physical Properties	
Particle Size (% weight retained)	$\leq 0.005\%$ at 315 μm $\leq 1.00\%$ at 100 μm
Loose bulk density (kg/m^3)	1075

The technical data outlined represents typical figures only. For further details, please contact Saint-Gobain Formula directly.

INSTRUCTIONS FOR USE

Please use with the recommended plaster water ratio, with a mixing time of approx. 2 to 4 minutes. The precise consistency to use will need to be adjusted to suit the individual application. Changes to plaster to water ratio will influence product performance particularly

setting time and strength.

PACKAGING AND SHELF LIFE

	Packaging Available	Shelf Life (Month)
Bag	25 kg	8
Big Bag	1 T	6
Bulk Tanker	25 T	Technical properties noted are at receipt of goods

When stored under dry conditions and in its original packaging, the product will have a specified shelf life that commences from the date of manufacture that is displayed on each sack. Shelf life depends on the packaging type. For those products where a defined 'best before' date is applicable, BBE (Best Before End) followed by the date will be displayed on each sack.

CERTIFICATION



DoP n°CS002

ENVIRONMENT, HEALTH AND SAFETY

Material Safety Data Sheets of Saint-Gobain Formula plasters and gypsum minerals are available for all products and may be obtained directly on our website in the [product](#) and [documentation](#) sections. No liability is accepted by Saint-Gobain Formula for injury to any person or loss or damage to property by improper use of the product.

NOTIFICATION

The plaster to water ratios quoted are those used in Saint-Gobain Formula's standard test methods and are not necessarily those used in practice. The precise consistency to use will need to be adjusted to suit the individual application. Changes to plaster to water ratio will influence product performance, particularly setting time and strength. Unless otherwise stated, Saint-Gobain Formula's standard test methods apply. To obtain a copy of the test method, please contact Saint-Gobain Formula directly. This literature cancels and replaces any previous document. All information given is provided in good faith and may be subject to change. It's advisable to contact Saint-Gobain Formula in case of any doubt arising from the content of such information.

CONTACT

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www.saintgobainformula.com*



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