

### PRODUCT DESCRIPTION

Almod is a beta-hemihydrate plaster . It was specially designed for dental applications and as an ingredient in proprietary formulations for building materials. Almod is also suitable for the production of stucco elements and for decorative plasterwork and modelling.

### PRODUCT BENEFITS

- + Beta moulding plaster
- + Fine particle size distribution
- + High purity

### APPLICATIONS

Dental, Floor, Wall

### TECHNICAL INFORMATION

Chemical name	Calcium sulphate hemihydrate
Chemical composition	$\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$
Plaster to water ratio (by weight)	1.43:1
Water to plaster ratio (by weight)	70%
Plaster to water mix ratio (by weight)	100/70
Colour	Whitish
Vicat ring fluidity (cm)	15 - 22
Initial setting time (minutes)	10 - 25
Linear expansion (%)	0.19
Flexural strength (MPa)	5.3
Brinell hardness (MPa)	19
Dry compressive strength (Mpa)	10.8
Pore volume (%)	51.6
Particle size distribution (mesh size and % weight retained)	< 0.04% at 200 $\mu\text{m}$ 4% at 90 $\mu\text{m}$
Bulk density (loose) (kg/m <sup>3</sup> )	800

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

### KEY INFORMATION

The recommended plaster to water ratio is between 1.20:1 and 1.45:1, 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, strength and permeability.

## PACKAGING AND SHELF LIFE

	Packaging Available	Shelf Life (Month)
Sack	25 kg	6
Bulk 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° 01213279A10613

## 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.

## DISCLAIMER

This product has been designed for the intended use outlined in this product datasheet. All information herein cancels and replaces any previous document and is provided for sole indicative purpose and is based on Saint-Gobain Formula's knowledge and experience on the date of issuance of this datasheet. Saint-Gobain Formula reserves the right to amend or modify this datasheet. To make sure you are up to date with the latest changes that may have occurred, visit frequently our website. It is advisable to contact Saint-Gobain Formula in case of any doubt arising from the content of such information. Unless otherwise stated, Saint-Gobain Formula's test methods apply. To obtain a copy of the test method, please contact Saint-Gobain Formula directly.

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## CONTACT

*For any information, please visit our website  
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