

AMPHORE CAST A

Construction Materials

PRODUCT DESCRIPTION

Amphore Cast A is an unformulated plaster used in a wide range of construction materials: binders, thin/thick coat finish plasters compositions. It is used also in art and decoration applications as a slip casting plaster to produce plaster based decorative tiles/blocks/stones.

PRODUCT BENEFITS

- + Beta plaster
- + Fine Particle size distribution
- + High Purity

OTHER MARKETS

Fibrous and Decorative Plaster

APPLICATIONS

Fibrous plaster, Floor, Wall

TECHNICAL INFORMATION

Plaster to Water Ratio	
Plaster to Water Ratio (by weight)	1.43.1 - 1.51:1
Water to plaster ratio (by weight)	66 - 70%
Plaster to water mix ratio (by weight)	100/66 - 100/70
Chemical Properties	
Chemical Name	Calcium Sulphate Hemihydrate
Chemical Composition	CaSO ₄ .1/2H ₂ O
Minimum gypsum purity %	85
Colour	Light grey
Setting Parameters	
Initial setting time (minutes)	9 - 25
Final setting time (minutes)	max 36
Exothermic Reaction (°C)	48
Linear Expansion (%)	0.15 - 0.22
Physical Properties	
Particle Size Distribution (mesh size and % weight retained)	≤0,4% at 200 µm ≤ 5% at 90 µm
Loose bulk density (kg/m ³)	600 - 680
Compacted bulk density (kg/m ³)	950 - 1050
Apparent Bulk Density (g/cm ³)	0.66

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, 40 kg	6 months
Bulk Bag	1 T	6 months
Bulk tanker	23 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° Amphore Cast A

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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