

## PRODUCT DESCRIPTION

Sulfacal is a CE fertiliser micronised gypsum grade, produced from naturally occurring high purity gypsum mineral. It is used as a soil fertiliser, a filler or an additive for setting time accelerator in a variety of construction materials. This product can be a source of calcium or Sulfate for formulations of several industrial product (phytosanytary, alginate)

## PRODUCT BENEFITS

- + High purity natural gypsum
- + Micronised powder

## APPLICATIONS

Floor, Wall, Agriculture

## TECHNICAL INFORMATION

Chemical Properties	
Chemical Name	Calcium Sulphate Dihydrate
Minimum gypsum purity %	92
Water of crystallization %	19.5
Moisture Content %	< 2%
Solubility of gypsum in water g / litre	2.1
pH	8.5
Chemical Composition	CaSO <sub>4</sub> .2H <sub>2</sub> O
Physical Properties	
Colour	White
Colorometer L* value	90.6
Colorometer a* value	-0.07
Colorometer b* value	0.85
Mean particle diameter (microns)	20
Seive Analysis (Mesh size and % weight retained)	0% at 200 µm 0.3% at 63 µm 15% at 40 µm
Specific gravity of gypsum	2.32
Bulk density (loose) kg / m <sup>3</sup>	1200
Gypsum Hardness (MOH scale)	2

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

## PACKAGING AND SHELF LIFE

	Packaging Available	Shelf Life (Month)
Bag	25 kg	12
Bulk Bag	1 T	12
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

CE Fertiliser grade gypsum

## 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

*For any information, please visit our website  
[www.saintgobainformula.com](http://www.saintgobainformula.com)*



*Sales contact*



*Documentation*



*Technical information*



*Global information*

## STORAGE

Plaster based products are not recommended for conditions where they are likely to be located externally or in any way subjected to weathering or excessive dampness.

Absorption of moisture can result in changes to physical properties, including a reduction in the set strength of plasters and also a lengthening of setting time.

Gypsum minerals can be affected by absorption of moisture and may change physical properties.

To help protect the product during use, open or part used bags should be carefully folded and closed. Each bag is date stamped and stocks should be rotated so that the oldest material is used first.