

SULFACAL W 0/2

Food, Agriculture and Environment

PRODUCT DESCRIPTION

Sulfacal W0 / 2 is a quarried gypsum mineral. The product is used as a calcium and sulphur source in fertilisers, compost for mushroom cultivation and setting agents in cement production.

PRODUCT BENEFITS

- + A natural product
- + Free from aggregates

APPLICATIONS

Agriculture

TECHNICAL INFORMATION

Chemical Properties	
Chemical Name	Calcium Sulphate Dihydrate
Minimum gypsum purity %	60%
Water of crystallization %	12 - 20 %
Moisture Content %	< 2 %
Solubility of gypsum in water g / litre	2.1
pH	6.5 - 8.5
Chemical Composition	CaSO ₄ 2H ₂ O
Chemical Analysis : (Element + %)	SO ₃ > 40 %
Chemical Analysis : (Element + %)	SiO ₂ < 5.5 %
Chemical Analysis : (Element + %)	CaCO ₃ < 6.0 %
Physical Properties	
Colour	Grey / Beige
Seive Analysis (Mesh size & % weight retained)	0.2 mm < 50 %
Seive Analysis (Mesh size & % weight retained)	0.5 mm < 28 %
Seive Analysis (Mesh size & % weight retained)	1 mm < 10 %
Seive Analysis (Mesh size & % weight retained)	2 mm < 7 %
Seive Analysis (Mesh size & % weight retained)	4 mm < 2 %
Bulk density (loose) kg / m ³	Typically 900 Kg/m ³
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)
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.

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.

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.

CONTACT

*For any information, please visit our website
www.saintgobainformula.com*



*Sales
contact*



Documentation



*Technical
information*



*Global
information*