

AGRICULTURAL GYPSUM

Gypsum Fertiliser & Soil Improver

Agricultural Gypsum is designed to be used for a variety of applications:

As a carrier for horticultural dressings, as a fertiliser, as a mushroom composting ingredient, as a soil improver and in land reclamation after salt water flooding.




TECHNICAL PROPERTIES*





Chemical name	Calcium Sulphate Dihydrate
Chemical composition	$\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
Minimum gypsum purity (%)	85
Sieve analysis (% weight retained & mesh size)	20 at 150 μm
Mean particle diameter (microns)	30
Colour	Off-white
Moisture content (%)	0 at manufacture
pH	7
Specific gravity of gypsum	2.32
Apparent density (kg/m^3)	1
Bulk density (loose) (kg/m^3)	1000
Bulk density (compacted) (kg/m^3)	1300
Water of crystallisation (%)	20.9
Solubility of gypsum in water (g/L)	2.1
Mohs hardness	2

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

PRODUCT BENEFITS

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Naturally occurring gypsum
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High in Calcium Oxide to aid nutrient absorption
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High in Sulphur Trioxide for protein production

KEY INFORMATION



Application Guide for Clay Soils: For heavy clay soils, an application rate of approximately 500 g per square metre is required which can be applied by hand or by lime spreader. For best results, the gypsum should be well mixed with the top 5 cm of soil, which should give an improved soil structure helping aeration and drainage and also improving plant growth.

Calculated minimum content of nutrients (% by weight):

Containing Sulphur Trioxide (SO₃): >35% - (Elemental Sulphur (S)> 14%)

Containing Calcium Oxide (CaO): >25% - (Elemental Calcium (Ca) >17%)



CERTIFICATION

Agricultural Gypsum is manufactured in compliance with The Fertilisers Regulations 1991 and The Fertilisers Regulations (Northern Ireland) 1992.

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.

PACKAGING AND SHELF LIFE*



Packaging Type	Packaging Available	Shelf Life (Months)
Sack	25 kg	24
Bulk Bag	1 T	24

*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.

STORAGE



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.

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.

Saint-Gobain Formula shall not be liable for damages or losses of any kind due to an improper use of the product. This datasheet shall not be construed as a substitute for a professional advice before product's use or installation. It is the user's responsibility to use, or install, the products in strict compliance with the applicable norms, standards and professional uses in force on the date of use, or installation.



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www.saintgobainformula.com