

SUPRADURO MC75

Ceramics

PRODUCT DESCRIPTION

Supraduro MC75 is a formulated plaster designed to be used in the ceramics industry to produce working moulds for the casting of sanitaryware.

This product is particularly suited to daily double casting. Other uses include the production of working moulds for tableware.

PRODUCT BENEFITS

- + Designed for multicasting
- + High water absorption
- + Consistent performance

APPLICATIONS

Sanitaryware, Tableware

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)	1.35 : 1
Water to plaster ratio (by weight)	74%
Plaster to water mix ratio (by weight)	100 : 74
Vicat ring fluidity (cm)	17 - 21
Initial setting time (minutes)	14 - 19
Final setting time (minutes)	17 - 23
Linear expansion (%)	< 0.25
Flexural strength (MPa)	> 5.0
Water absorption (%)	> 30 %

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 1,33 and 1,38: 1, with a mixing time of approx. 3 to 5 minutes, depending on batch size. Mixing utensils should always be clean and free from set plaster. For consistent results, attention must be given to the correct proportioning and mixing of the plaster and water. Use clean water for mixing and control water temperature at 10°C. Changes to plaster to water ratio will influence product performance, particularly setting time, strength and absorption capability.

PACKAGING AND SHELF LIFE

	Packaging Available	Shelf Life (Month)
Sack	25 kg	6
Bulk Bag	1 T	6

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.

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.

CONTACT

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