

Mixer JP56

Ceramics

Mixer JP56 is a hemihydrate formulated plaster used in ceramics to produce working moulds for jiggering application of tableware.

Product Benefits

- Developed for jiggering application
- Consistent performance
- High mechanical properties with smooth surface
- Controlled expansion

Applications

- Tableware



TECHNICAL PROPERTIES



Chemical Name	Calcium Sulphate Hemihydrate	Vicat Ring Fluidity (cm)	18 - 22
Chemical Composition	$\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$	Initial setting time (minutes)	9 - 14
Plaster to Water Ratio (by weight)	1.82:1		

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

INSTRUCTIONS FOR USE



The recommended plaster to water ratio is between 1.40:1 and 1.60:1, with a mixing time of approx. 2 to 4 minutes, depending on batch size and plaster shop process. Mixing utensils should always be clean and free from set plaster. Use distilled water only. For consistent results, attention must be given to the correct proportioning and mixing of the plaster and water. Add the weighed quantity of plaster slowly into the measured volume of water and allow to soak. Do not mix fresh plaster with that which has been mixed for some time previously. Changes to plaster to water ratio will influence product performance, particularly setting time and strength and absorption capability.

PACKAGING AND SHELF LIFE



Packaging Type	Packaging Available	Shelf Life (Months)
Bag	25kg	6
Bulk Bag	1T	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.

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.

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.

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.

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