

PENTAPROOF GSP 65

Waterproofing agent in powder form for gypsum

Technical Data Sheet April 2021

DESCRIPTION	Pentaproof GSP 65 is a silicone-based waterproofing agent in powder form for gypsum-based blocks and artifacts. It can be easily used also for the preparation of plasterboards.
FEATURES	Pentaproof GSP 65 is a waterproofing additive in powder form that allows achieving very high water repellence values. Once the correct dosage is achieved, the additive makes the products water repellent and gives them a beading effect.
USE	Disperse Pentaproof GSP 65 in the mass of gypsum or gypsum-aggregates in the powder form in order to achieve the best results and to avoid a heterogeneity of the waterproofing effect in the final product.

TECHNICAL DATA	Data	Method
State:	Powder	Visual
Colour:	White	Visual
Bulk density:	0.490 ± 0.030 kg/dm ³	IST. 10.07
Granulometry:	Min. 94% < 0.180 mm	IST. 10.09
Content in active matter:	Min. 64% Anti caking max. 36%	
Humidity:	Max. 8%	IST. 10.04
Water solubility:	Not soluble	IST. 10.21

DOSAGE	The dosage of Pentaproof GSP 65 is 0.2 – 0.9% on the gypsum or gypsum/aggregates mass. We suggest performing preliminary tests in order to match the dosage with the specific needs.
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STORAGE AND VALIDITY	Pentaproof GSP 65 must be stored at temperatures between 0°C and 50°C. If it is stored in its well-closed, original containers at the temperatures indicated and away from direct sunlight, it has a 12 months validity from the date on the delivery note.
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PRECAUTIONS	Before its use, please check the security data sheet. Please be extremely CAREFUL not to mix the additive with caustic or highly alkali substances such as cement or lime. When in contact with strong alkalis the product develops highly inflammable elementary hydrogen.
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PRECAUTIONS	25 kg bags.
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All the data stated in this technical sheet are based on the best of our knowledge and experience. It is advisable to carry out preventive tests. In any case, PENTACHEM does not assume any responsibility for any damage or defect caused by the use of our products, as the employment conditions are not under our control. We also inform that our technical service is at our customers' disposal for any information concerning the correct employment of our products.