



PENTAMIX FUG

Additive for cement fillers and sealers

Technical Data Sheet, September 2015

DESCRIPTION **Pentamix FUG** is an additive in powder form used in the preparation of cement fillers and sealers for walls and floors made with tiles, earthenware tiles, marble, etc.

FEATURES **Pentamix FUG** is a complete additive giving cement mixtures good plasticity, excellent filling capacity, water retention, facility of cleaning, absence of plastic shrinkage.
In the hardened state it gives dimensional and colour stability, good strength on the whole thickness, absence of efflorescence and fairly good impermeability.

USE **Pentamix FUG** is specific for the preparation of cement fillers and sealers with high or low thickness.
The cement employed, whether white or grey, must be of the high-strength kind and its quantity exceed 40% of the mixture.
For small sealings, it is advisable to compound the product with roundish silica sands with grain size not bigger than 0.300 mm.
For wider sealings, silica sand must be supplemented with crystalline limestone with grain size between 0.300 and 0.800 mm.
In order to obtain waterproof sealing it is necessary to add 1% of **Pentamix VSM** to the mixture.

	Data	Method
TECHNICAL DATA		
State:	Powder	Visual
Colour:	Ivory white	Visual
Bulk Density:	0.800±0.100 kg/dm ³	IST. 10.07
Granulometry:	Min. 96% < 0.600mm	IST. 10.09
Humidity :	Max. 4.0%	IST. 10.04
Water solubility:	Partially soluble	IST. 10.21
Usage temperature:	>0°C	

- DOSAGE** The recommended dosage of **Pentamix FUG** is 1-2% of the global weight of the dry mixture. Different dosages can be used depending on the expected results, after carrying out preliminary tests.
- STORAGE AND VALIDITY** **Pentamix FUG** has 12-month validity beginning with delivery, if stored in a dry place and in the original bags kept perfectly closed.
Should moisture be absorbed by the product, this does not affect its efficaciousness, but it makes its dosage difficult and the distribution in the finished mixture not homogeneous. It is therefore advisable to close bags carefully after each collection.
- PRECAUTIONS** **Pentamix FUG** is slightly alkaline, so it might be irritating for the eyes, the first part of the respiratory tract and the skin.
It is therefore advisable to use protective glasses and a dust mask when handling it.
In case of contact with the skin, it is easily removable with water and soap.
- PACKAGING** 25-kilo paper bags

The specifications stated in this report have been got either through standardized tests and rules or their modifications following Pentachem systems. The methods applied can be requested to our technical service.

All the data stated in this technical sheet are based on our knowledge and experience. However, before using the item differently from indicated, 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.

Pentachem Srl - Via Galvani, 3 - Zona Ind. Casarola - 47832 - S. Clemente (RN) Italy Tel. -39.2541.988026 - Fax +39.0541.989557 - info@pentachem.it - pentachem@pentachem.it



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =