

# PENTA EC 52G

## Modified cellulose ether

Technical Data Sheet July 2023

<b>DESCRIPTION</b>	<b>Penta EC 52G</b> is a low viscosity modified cellulose ether. Its fast dispersion progressively increases the viscosity of the system avoiding the formation of lumps.	
<b>USE</b>	<b>Penta EC 52G</b> is a rheological modifier particularly appreciable on fine gypsum-based admixtures, to improve and maintain the homogenization of all the components. The viscosity produced by <b>Penta EC 52G</b> allows to obtain thixotropic and easy to trowel admixtures and to maintain this characteristic for a long time, thus enabling good workability and easy application of the mortar on any surface.	
<b>TECHNICAL DATA</b>	<b>Data</b>	<b>Method</b>
	<b>Composition:</b>	Hydroxypropyl methyl cellulose
	<b>State:</b>	Powder Visual
	<b>Colour:</b>	White-beige Visual
	<b>Bulk density:</b>	0.510 ±0.070 kg/dm <sup>3</sup> IST. 10.06
	<b>Granulometry:</b>	Min. 95 % < 0.300 mm IST. 10.09
	<b>Humidity:</b>	Max. 4,0% IST. 10.04
	<b>Water solubility:</b>	Soluble IST. 10.21
<b>FEATURES OF THE LIQUID SOLUTION</b>	<b>Hydrogen-ion concentration pH at 20°C (sol. 2%) :</b>	8 ÷ 10 IST. 10.05
	<b>Viscosity at 20° C : (sol. 2% Brookfield RV )</b>	4.000 ÷ 6.000 mPa.s IST. 10.30
<b>DOSAGE</b>	The recommended dosage is 0.1 ÷ 1.5 % on the dry mixture. Depending on the needs, different dosages can be used after tests.	
<b>STORAGE AND VALIDITY</b>	If it is stored in a dry place and in the original bags kept perfectly closed, <b>Penta EC 52G</b> has a 12 months validity starting from the date of the delivery note. It is advisable to close bags carefully after each collection.	
<b>PRECAUTIONS</b>	Before its use, please read the Information Sheet.	
<b>PACKAGING</b>	25 kg paper bags.	

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.