

PENTA EC 6164

Highly modified cellulose ether for ETICS

Technical Data Sheet September 2024

DESCRIPTION

Penta EC 6164 is a highly modified cellulose ether with low viscosity and fast solubility. It is particularly suitable for cement-based adhesives for thermal insulation and skim coatings.

USE

Penta EC 6164 gives to the mixture excellent workability, proper water retention and good thixotropy. It allows obtaining creamy and easy to trowel mixtures and creates excellent cohesion between the polystyrene panel and the surface.

TECHNICAL DATA

	Data	Method
Composition:	Hydroxypropyl methylcellulose	
State:	Powder	Visual
Colour:	White-beige	Visual
Density:	0.500 ±0.100 kg/dm ³	IST. 10.06
Granulometry:	Min. 95% < 0.180 mm	IST. 10.09
Humidity:	Max. 4,0%	IST. 10.04
Water solubility:	Totally soluble	IST. 10.21
CHARACTERISTICS OF THE WATER SOLUTION	Hydrogen-ion concentration pH at 20°C (2% solution):	6 ÷ 8 IST. 10.05
	Viscosity at 20° C: (solution 2% Brookfield RV)	2.000 ÷ 4.000 mPa.s IST. 10.30

DOSAGE

The recommended dosage is between 0.1 and 0.5 % of the total volume of the mortar.
Depending on the needs, different dosages can be used after tests.

STORAGE AND VALIDITY

Penta EC 6164, stored in a cool and dry place and in the original perfectly closed bags, is valid for 12 months, from the date of the transport document. Therefore, it is recommended that the bags be carefully reclosed after each collection.

PRECAUTIONS

Before its use, please read the safety data sheet.

PACKAGING

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