



KEMA PP FIBER

Polypropylene fibers for reinforcing concrete and cement based screeds



PRODUCT DESCRIPTION Polypropylene fibers different lengths and diameters in compliance with project demands.

FIELD OF USE The usage of PP fibers reduces the shrinkage of fresh concrete and the possibility of occurring cracks, reduces micro-segregation secretion of water in fresh concrete, increases the strength of fresh concrete, increases resistance to frost and salt, increases fire resistance, extends impact strength and abrasion strength.

PRODUCT DATA

BASIC INFORMATION	Appearance	White fibers	
	Packing	0,91 kg	
	Storage and expiration date	12 months from date of production if stored properly in undamaged original sealed packaging in dry and cool conditions. Date of production is printed on packaging.	
TECHNICAL DATA	Type of product	100 % polypropylene (PP)	EN 14889-2
	Fibre length	3 or 6 mm	EN 14889-2
	Form	Square cross section (approx. 38 µm X approx. 220 µm per fibril)	EN 14889-2
	Tensile strength	>370 N/mm ² (4,1cN/dtex)	EN 14889-2
	Elasticity module:	>4,000 N/mm ²	EN 14889-2
	Webe time:	Dependant on dosing / fibre quantity	EN 14889-2





INSTRUCTIONS FOR USE

CONSUMPTION min. 0,9 kg/m³ of concrete, min. 0,6 kg/m³ of cement based screed

MIX TIME Fibers are added to concrete mixer or cement screed making machine. Mixing time is min. 1 min. / m³ of concrete or mortar. For preparation of making a project and technology behind a project, please contact our service of technical counseling.

LIMITATIONS

BASE TEMPERATURE +5°C min./ +30°C max.

AIR TEMPERATURE +5°C min./ +30°C max.

MATERIAL TEMPERATURE +5°C min./ +30°C max.

Recommendation: Remains of unhardened/unset material had to be removed in accordance with the legislation.

Data source: All technical data in this technical sheet was obtained by laboratory research. Actual data may differ due to different working conditions.

Local restrictions: Due to specific local regulations the installed product can differ from country to country. For exact instructions for use a country specific technical sheet should be obtained.

LEGAL BASE

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