



## BASEFORTE® FIBER L20

Alkali-resistant synthetic fibre for cementitious screeds.

### Product description

BASEFORTE® FIBER L20 is manufactured from high-density polypropylene. With excellent adhesion to hydraulic binders, BASEFORTE® FIBER L20 is water-repellent, possesses dimensional stability and excellent resistance to alkalis, atmospheric and chemical agents, mold and microorganisms.

### Fields of application

BASEFORTE® FIBER L20 improves the screed by making it more resistant to abrasion and impact and reduces the formation of shrinkage cracks.

It is used for traditional cement, lime-cement based screeds, even in the case of heating or cooling screeds, and is ideal for quick-drying and controlled-shrinkage screeds.

### Supply and storage

BASEFORTE® FIBER L20 is supplied in 1 kg packages. Store in a cool, dry and non-ventilated place. Keep the packaging intact.

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## Warnings

It is necessary to make sure that the mixing of the fibre with the screed does not show any anomaly in the chemical reaction. The information contained herein is based on our present knowledge and experience. It does not imply any guarantee on our part, nor any liability for the use of our products, since the conditions of use are not under our control.

TECHNICAL DATA	PERFORMANCES
Material	Additivated high tenacity polypropylene
Density	0,90 g/cm <sup>3</sup>
Tensile strength	600-700 MPa
Melting point	230°C
Young elastic modulus	3500 MPa
Water absorption	0,01 / 0,02 %
Maximum elongation	Above10%
Alkali resistance	Excellent
Compliance	ASTM C 1116
Length	20 mm
Equivalent diameter	0,48 mm
Appearance	Grey fibres
Consumption	1-3 kg/m <sup>3</sup> or 0.5% on cement dosage

Tolerance: ± 10%

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I dati riportati si riferiscono alle prove di Controllo Qualità in condizioni ambientali normalizzate. Applicazioni pratiche di cantiere a seconda delle condizioni di esercizio possono rilevare dati sensibilmente modificati, pertanto le informazioni presenti nella Scheda hanno valore puramente indicativo in quanto l'utilizzatore deve sempre verificarne l'idoneità nell'impiego del prodotto assumendosi la responsabilità derivante dall'uso. Fornaci Calce Grigolin S.p.A. si riserva di apportare modifiche tecniche di qualsiasi genere senza alcun preavviso.