

ADDITIVES

Fibra-net

100% VIRGIN POLYPROPYLENE FIBER

100% virgin polypropylene fiber manufactured with the latest extrusion and spinning systems, which provides high quality and characteristics that make it the ideal complement for adding to concrete and mortars.

APPLICATIONS

Industrial pavements and industrial floors

High-strength concretes (dikes, docks, airstrips)

Tunnels and roads

Mortars and precast concrete



FEATURES

- 01 Significantly reduces the risk of explosive spalling
- 02 Reduces permeability and exudation
- 03 Moderate increase in tensile, compressive, and flexural strength
- 04 Reduces plastic settlement and inhibits shrinkage cracking
- 05 Retards evaporation
- 06 Increases durability and resistance to impact and abrasion
- 07 Eliminates corrosion damage

DIRECTIONS FOR USE

Add Fibrá-Net dry or after water. Compatible with any mixer. Mixing time: approximately 50 seconds/m³ in a concrete mixer and 30-45 seconds/m³ in a plant. For high-strength concretes, dose 1 kg/m³.

TECHNICAL DATA

Density	0.91 g/m ³	
Moisture	2.65 %	
Fluidity	6.12 g/10 min.	EN ISO 1133:2006
Section	Circular	
Color	Natural	
System	Monofilaments	
Young's modulus	3.5 kN/mm ²	
Tensile strength	300 - 400 MPa	
Modulus of elasticity	600 - 1,200 MPa	
Distortion temperature	110 °C	ISO 11357-3:1999
Decomposition temperature	280 °C	ISO 11357-3:1999
Melting point	164.41 °C	ISO 11357-3:1999
Consistency in concrete	9.7 - 16.1 s	EN ISO 12350-3:2006
Fiber length	6, 12, 18 or 24 mm	
Dosage	600 g/m ³ of concrete	
Linear density	6.70 dtex	EN ISO 1973:1996
Tenacity	40 ± 5 cN/tex	EN ISO 5079:1996
Diameter	31 µm	

PRODUCT DATA

COVERAGE

Concrete: 600 g bag per m³.

Mortar: 150 g bag per 250 L concrete mixer.

SAFETY

According to European regulation CEE 88/379, the product is classified as NON-HAZARDOUS. No environmental hazards or risks to human health are known in the intended use.