



FIBRATOP PP

12mm

POLYPROPYLENE FIBRE

Polypropylene fibre for concretes and mortars.



Uses

100% polypropylene fibre with a 12mm circular section used to increase durability and prevent breakage in concrete and mortars.

Concrete and mortar lining in tunnels, precast concrete elements, channel lining.

Properties

- They increase the strength, durability and prevent cracking of the concrete and mortar with which they are mixed.
- Thanks to its multifilament structure, its dispersion is homogeneous and three-dimensional, which allows maximum compaction to be achieved, ensuring the reinforcement of the concrete and preventing the appearance of micro-cracks. Resistance to shrinkage cracking.
- Improved compressive and tensile impact strength.

Technical data: Certifications. CE marking. Declaration of performance according to standard: UNE-EN 14889-2:2008

ESSENTIAL CHARACTERISTICS	BENEFITS	HARMONISED STANDARD TEST
Diameter (μm)	32	EN ISO 1973
Linear density (dTex)	7,6	EN ISO 1973
Breaking strength (cN) Coef. variation (%)	3742 2.9	EN ISO 2062
Extent of rupture (%) Coef. variation (%)	91.4 5.1	EN ISO 2062
Toughness (N/tex)	0.270	EN ISO 2062
Effect on consistency (mm) Ref. (22mm)	25	EN 12350-3 EN 14845-1
Time vebe (s) Ref. (6,0s)	6.7	

Performance

Its approximate yield is 600 gr/m³ of concrete or mortar.

Instructions for use

Mixed:

1. It is added directly to the concrete mixer, once all the concrete components have been incorporated. Under no circumstances mix directly with the concrete water.
2. Increase the final mixing time by about 5 minutes, to allow the bag to break down inside the bag as it reacts with the alkaline components of the concrete.
3. Spread the concrete or mortar according to the usual technical specifications, respecting all joints and singular points of the construction element.

Limitations

- Those inherent to the concrete or mortar to which it is mixed.
- It does not replace the design reinforcement of the construction element.
- It does not prevent cracking due to poor sizing or drying shrinkage.

Special precautions

For any specifications or data concerning safety and hygiene during application, handling, storage and use of the product, as well as disposal in case of inappropriate contact, the product safety data sheet should be consulted. It contains all information concerning safety, toxicity, ecology, physical and chemical properties, as well as recommendations for first aid and other statutory regulations. The products are not classified as dangerous goods under the Directives and Agreements. In countries outside the European Union, it is also up to each country to comply with the respective legislation on packaging, labelling and transport.

Presentation

500 and 600 gr. formats are available. For other types of formats, please consult us.

Storage conditions

The product must be stored in its original closed container and protected from direct sunlight in the open air at temperatures between 10°C and 30°C, in a dry and well-ventilated place, in a dry and well-ventilated place ventilated, away from heat sources and direct sunlight. Time of use is 1 year from date of manufacture, properly stored.



The product must not be used for purposes other than those specified, without first having written instruction in its handling. It is always the responsibility of the user to take appropriate measures in order to comply with legislative requirements. The Safety Data Sheets of the product are available to the professional.

latest edition: January 2025