



FIBERTEK NG EASY FINISH

High performance extruded monofilament polymer fiber macro, excellent finish for concrete



DESCRIPTION

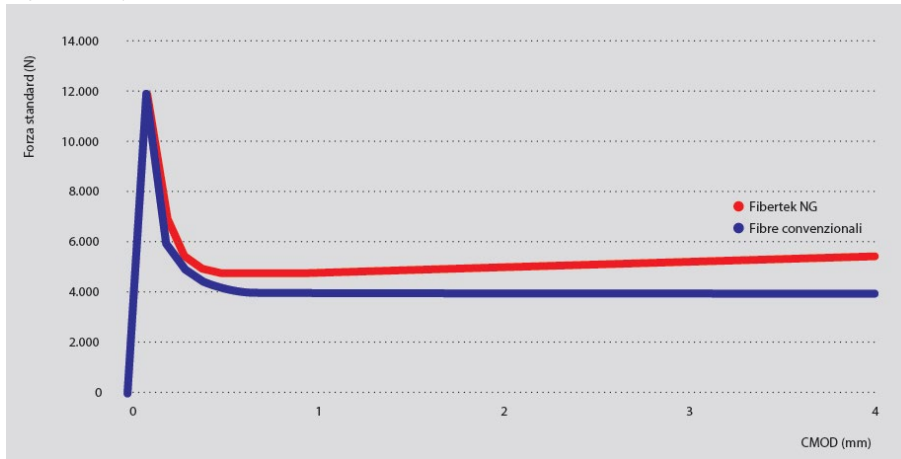
FIBERTEK NG EASY FINISH is an extruded single-stranded polymer macro-fiber with high toughness and stability. The reinforcing system that is created, using these geometrically evolved fibers, is three-dimensional and made possible by the fibro-reinforced concrete, resulting in a perfect resistance to aggressive agents (resistant to each exposure class according to EN 206 and UNI 11104), magnetic and shocks. It increases the ductility and durability of concrete.

GENERAL CHARACTERISTICS

FIBERTEK NG EASY FINISH by its nature is resistant to alkalis, salts and acids, is absolutely non-corrodible, resistant to abrasion, atmospheric and chemical agents, molds, microorganisms, and high temperatures. It contributes to improving the properties of concrete: it increases in particular its toughness, that is the post-cracking residual strength, an important resource to counter the propagation of cracks, especially in dynamic conditions.



High ductility in the concrete



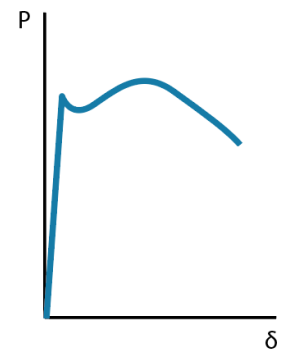
Excellent dispersion and high contact surface for extreme adherence to cement paste. Counteracts plastic shrinkage, increases resistance to residual traction of concrete

FIELDS OF EMPLOYMENT

FIBERTEK NG EASY FINISH, thanks to its easy use and excellent distribution within concrete, is used in:

- Internal concrete floors (to prevent corrosion inside the concrete, avoid electromagnetic disturbances that can cause equipment interference, cold rooms);
- Outdoor concrete floors (to prevent corrosion inside the concrete, such as port docks, chemical storage areas, car parks, etc.) to avoid electromagnetic disturbances that may cause equipment interference)

High ductility in the concrete





- Concrete floors for stables (to prevent corrosion inside the concrete, safe for animals);
- Parking lots, airport runways, roads and sidewalks;
- Prefabricated panels, curtain walls, fences, road barriers.

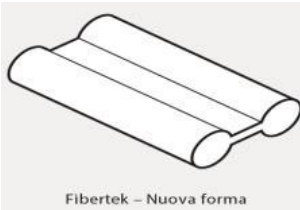
ADVANTAGES

Excellent:

- Price/quality ratio
- Alternative to reinforcements
- Flexural strength
- Shock resistance
- Durability
- Corrosion resistance (no corrosion)
- Improved tensile strength
- Resistance to alkaline environments
- Resistance in extremely humid environments
- Ductility
- Excellent finish
- No electric and/or magnetic conduction

TECHNICAL CHARACTERISTICS

| | |
|---------|------------------------------|
| Nature: | Modified PMR |
| Type: | monofilament macro |
| Colour: | grey |
| Form: | increased innovative surface |



Fibertek – Nuova forma



Forma tradizionale

| | |
|--------------------------|------------------------|
| Length: | 40 mm ± 2 mm |
| Absorption: | none |
| Specific weight: | 0,92 g/cm ³ |
| Electrical conductivity: | none |
| Softening/Melting point: | 165°C |
| Elastic Module: | 6000 Mpa |
| Tensile strength: | 700 ±50Mpa |
| Resistance to alkalis: | total |
| Resistance to acids: | total |
| Resistance to salts: | total |

METHOD OF USE

FIBERTEK NG EASY FINISH fibers must be introduced together with the raw materials during concrete preparation. The special biodegradable film packages allow an easy and fast dosage. The melting of the film in contact with water allows an excellent dispersion of the fibers inside the dough, ensuring homogeneity and repeatability of the doughs.

The dosage is between 1 and 4 kg/m³, depending on the project.

Our technical service is at your disposal to determine the optimal dosage according to the final use of the work.

PACKAGING

2kg bags containing fiber packs wrapped in hydrosoluble film

275 bags per pallet of 550 kg





STORAGE

They can be stored for a long time, protected from rain.

CERTIFICATIONS

The fiber is CE certified for structural use according to EN 14889-2.

WARNINGS / PRECAUTIONS

FIBERTEK NG EASY FINISH fibers are produced with polypropylene polymer and are classified as inert, harmless and not damaged by most chemical agents. They are not dangerous or damaging from an environmental point of view.

Moreover, in the event of fire, when their melting temperature is reached, FIBERTEK NG EASY FINISH fibers soften without producing harmful gases, creating "exit ways, compensating pathways" for the heat / steam that is generated, avoiding violent explosions of the artifact.

LEGAL WARNING

The information contained in this data sheet, while representing the current state of knowledge, do not release the user from the accurate preliminary tests in their conditions of employment and exercise. We assume no responsibility for the improper use of the product.

