



Techmofiber M-12

Monofilamentada polypropylene fiber to avoid fissures in the concrete

Scope:

TECHMOFIBER is a 100% polypropylene fiber, specially designed for use in concrete. Thanks to form three-dimensional network, avoids motivated by shrinkage cracks, improving form substantial quality of the concrete structure executed. TECHMOFIBER can be used to:

- Pavements.
 - Slabs.
 - Roads.
 - Coastal Protection.
 - Pipes channels.
 - Precast.
 - Concreting of surfaces exposed to currents air, direct sunlight, etc..
 - Concrete made with low-quality sand.
- TECHMOFIBER also be applied in concrete, since no incompatibilities against steel or decreases the adhesion between reinforcement and concrete. Contact the Technical Department any application not covered by this relationship.

Properties:

- relaxants act as stress, avoiding cracks shrinkage.
- Disperses easily within the mass, forming a three dimensional network completely homogeneous.
- No form knots.
- Minimal impact on the surface finish.
- Improves resistance to abrasion and impact.
- Improve permeability and durability.
- Resistant to UV rays action.
- High chemical resistance. It degrades with alkalinity

Concrete:

- Does not yellow after direct exposure to sunlight.

How to use:

Aditivar TECHMOFIBER can both plant concrete as the arrival of the truck at work, ensuring mixing time sufficient to distribute the fiber all concrete (approx. 5 minutes).

The bag of 600 g (1 m3 dose) is added as such to concrete, as the container is rolled into contact with the alkaline environment, releasing the fiber. However, it is preferable add the open bag to speed mixing. Depending on the thickness of concrete or mortar applied must select the appropriate fiber length: TECHMOFIBER M-12 is suitable for applications with concrete

Dosage:

The usual dosage is one bag autodestruible predosed of 600 g per m3 of concrete.

presentation:

Autodestruct is supplied in bags of 600 g (for 1 m3 of concrete), in boxes of 40 bags.

Storage conditions / Storage time:

TECHMOFIBER is totally inert material, so that does not degrade over time if stored properly in their original containers sealed free avoiding dirt and high temperatures.

Handling and transport:

For handling Observe the preventive management of chemicals, example, use safety glasses and gloves. wash hands before breaks and at end of work. Do not eat, drink or smoke during application. The disposal of the product and its container must be in



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According to current legislation and is the responsibility of final holder.

For more information, consult the Material Safety Data Sheet product.

Keep in mind:

- We recommend testing before the use of the product.
- Do not use higher or lower dosages to recommended without consulting our Department Technical.
- Due to the characteristics of the specific surface fibers, involves the use of a greater demand TECHMOFIBER water.

Technical data:

- Material: 100% Polypropylene (white).
- Fiber length: 12 mm.
- fiber diameter: 31 microns.
- Density: 0.91 g/cm³.
- Fiber Frequency: Approx. 102 mio / kg.
- Elongation at break: 80 - 140%.
- Melting point: 163 to 170 ° C.

NOTE:

The information and technical data given here are for guidance only and are subject to change without notice. They are based on data and knowledge considered to be true and accurate. However we have not control over the conditions under which our products are transported, stored, handled or used by our customers. by Therefore, our guarantee is limited exclusively to product quality. none information or recommendation interpreted to infringe any rule or legal provision.