



Synthetic reinforcement fibre

PP - B

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- No shrinkage cracks
- Reduce spalling
- Acid and alkali resistant
- pure polypropylene
- Corrosion resistant



- Specific gravity: 0.91
- Absorption: none
- Polypropylene fibres for concrete reinforcement
- Elongation strength: min. 610 N/mm
- Length: 38 / 54 mm
- Picture may differ from original

Fields of application:

The finely distributed concrete reinforcement, with the help of polypropylene fibres, is an advantageous and highly innovative solution that completely replaces the classic steel reinforcement.

Using the latest technologies and a special formulation developed by engineers, RoFero fibres show remarkable properties.

Made of pure polypropylene, these structural monofilament fibres offer high elongation strength and a shape that allows very good dispersion in concrete.

They provide maximum resistance and durability of concrete, structural improvement and allows control of plastic contraction and expansion of concrete. The polypropylene fibres are corrosion resistant, non-magnetic and 100% alkali resistant.

- replace steel fibres in a ratio of 1:10
- Improvement of the physical properties of the concrete
- larger areas between expansion joints or, with increased dosage, casting without expansion joints
- much higher absorption capacity of RoFero fibres compared to steel fibres in liquid concrete

Technical Data:

- Material: pure polypropylene
- Type: reinforcing fibres
- Colour: grey or white
- Form: twisted monofilament fibre
- Acid/alkali resistance: 100%.

Delivery form: bag
Fibre lengths: 38 / 54 mm
Consumption: 10 g bag for 25 kg/bag

Application:

- Ground level constructions
- Industrial and commercial floors
- Floors with fewer or no expansion joints
- Bridge construction
- Shotcrete
- Loading ramps
- Precast concrete
- Parking lots
- Roads
- Other construction projects

Processing:

Depending on the static calculation, the recommended dosage of RoFero is 1/8 kg per cubic metre of concrete. Mixing and homogenisation can be carried out either in the concrete mixing plant or directly in the concrete mixer. The fibres should be stirred into the concrete for 7 minutes at medium speed. In case of increased dosage, it is recommended to add appropriate additives for liquefaction instead of water.

Recommendation: **10 g bag for 25 kg bag of cement.**