



Synthetic reinforcement fibre

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



- Elongation strength: min. 300 N/mm
- **Length: 3/6/12/18/40 mm**
- Picture may differ from original

Fields of application:

RoWhite are the most commonly used fibres for concrete. They are added to prevent shrinkage cracks and also improve the reinforcement of the concrete. These fibres are used as a supplement in a wide range of applications. Their use is mandatory in tunnel linings, as they reduce fire damage such as spalling. The polypropylene fibres are corrosion-resistant, non-magnetic and 100% alkali-resistant.

- prevent the formation of shrinkage cracks
- control plastic contraction of fresh concrete
- improve long-term durability, wear resistance and impact strength
- reduce concrete spalling caused by fire
- the only method to cast long lasting decorative stamped concrete

Technical Data

- Material: pure polypropylene
- type: reinforcing fibres
- Colour: white
- Monofilament polypropylene fibres for microcracks
- Form: Monofilament
- Acid/alkali resistance: 100
- Specific gravity: 0.91
- Absorption: none

Delivery form: bag
Fibre lengths: 3 / 6 / 12 / 18 / 40 mm
Consumption: 10 g bag for 25 kg/bag

Application:

- prevent the formation of shrinkage cracks
- control the plastic contraction of the fresh concrete
- improve long-term durability, wear resistance and impact strength
- reduce concrete spalling caused by fire
- the only method to cast long lasting decorative stamped concrete

Processing:

The recommended dosage of RoWhite fibres is 0.6 kg per cubic metre of concrete or more, depending on the structural calculation. 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. They do not require any change in the concrete recipe. 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.**