

ProFib®

■ PRODUCT DESCRIPTION

ProFib® is a microfibre for the reinforcement of concrete. This microfibre reinforcement is the ideal choice for controlling micro-cracking at an early stage. As secondary, multi-directional reinforcement, it limits plastic shrinkage cracking and improves the fatigue resistance and toughness of the concrete.

■ APPLICATION

ProFib® is developed for use in concrete, mortar and other cement-bound mixtures, including:

- Concrete structures, including:
- Floors on sand (industrial and commercial floors)
- Cement screed
- Basement walls
- Precast concrete elements
- Basement walls
- Car parks

■ BENEFITS

- Reduces plastic shrinkage cracking
- Strengthens against internal forces
- Improves durability
- Alternative to crack-control mesh
- Reduces water migration

■ PACKAGING

- Available in 10 kg bags
- Easy to dose and safe to use

■ GUIDELINES FOR USE

ProFib® is added to the concrete mixer during the mixing process, together with all other raw materials. The exact dosage depends on the predetermined concrete mix design.

■ DOSAGE

The standard dosage is 0.6 kg to 0.900 kg of microfibres per m³

■ PRODUCT INFORMATION

Type	Polypropylene
Appearance	Fibrillated tape
Length	6 - 12 - 18mm
Number of fibres per kg	100,000
Tensile strength	370 MPa
Physical state at 20 °C	20 °C
Odour	Odourless
Melting range	160-170 °C
Flash point (ASTM D1929)	±350 °C
Auto-ignition temperature	>400 °C
Specific gravity	0.91 g/cm ³

WOULD YOU LIKE MORE INFORMATION? PLEASE GET IN TOUCH

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