

ProMicro®

■ PRODUCT DESCRIPTION

ProMicro® is a microfibre for reinforcing concrete and mortar. 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

ProMicro® has been developed for use in concrete, mortar and other cement-bound mixes, including:

- Ground-bearing floors on sand (industrial and commercial floors)
- Cement screed
- Basement walls
- Precast concrete elements
- Basement walls
- Car parks

■ BENEFITS

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

■ PACKAGING

- Available in 900 g bags

■ GUIDELINES FOR USE

ProMicro® is added to the concrete mixer during the mixing process, together with all other raw materials.

■ DOSAGE

The standard dosage is 0.6 kg to 1.0 kg of microfibres per m³

■ CERTIFICATES & QUALITY

- EN 14889-2 – 2006 Class 1a
- Production under an ISO 9001-2008 certified quality system
- CE-standard production in Europe

■ PRODUCT INFORMATION

Type	Polypropylene
Equivalent diameter	32 µm
Length	6 mm and 12 mm
Linear density	6.5 dpf
Tensile strength	29.1 cN/tex
Melting point	Excellent
Flash point (ASTM D1929)	±350 °C
Self-ignition temperature	>400 °C
Specific gravity	0.91 g/cm ³
Fibre class	1a

WOULD YOU LIKE MORE INFORMATION? PLEASE GET IN TOUCH

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