



CONSOL MICRO FIBRE

Polypropylene Fibres for Concrete

DESCRIPTION

CONSOL MICRO FIBRE is high quality micro monofilament polypropylene fibres. It is designed to minimize and control plastic shrinkage cracks in concrete.

RECOMENDED FOR

CONSOL MICRO FIBRE reinforces fresh concrete and reduce the incidence of shrinkage cracking in pre-hardening stage. **CONSOL MICRO FIBRE** is used in :

- Mortar screeds and plasters
- Precast
- Slabs
- Shotcrete
- Pavements
- Heavy-duty industrial floors

BENEFITS

CONSOL MICRO FIBRE is uniformly distributed to provide internal reinforcement to :

- Improve concrete durability
- Improve fresh concrete cohesion
- Reduce plastic shrinkage cracking
- Improve impact and abrasion resistance

PRODUCT DATA

Base

Polypropylene fibres with surface agent

Colour

White

Specific Gravity

0.91 g/cm³

Length

12 mm

Diameter

18 micron – nominal

Tensile Strength

300 – 440 MPa

Elastic Modulus

6000 – 9000 N/mm²

Softening Point

160 °C

Shelf life

3 years if stored in original unopened packaging in cool, dry condition

Packaging

1 kg/bag at 18 bags per box

INSTRUCTION FOR USE

Put 0.6 kg **CONSOL MICRO FIBRE** per m³ concrete directly into the mixture. A mixing time of 3 to 5 minutes is necessary to ensure that the bag is fully degraded and ensure uniform fibre dispersion throughout the mix.

CONSOL MICRO FIBRE is compatible with all CONSOL admixtures. The standard procedures for placing, finishing and curing concrete shall be followed. In addition, proper reinforcement and joint spacing should be observed.

HEALTH and SAFETY

Health and Safety The product is safe to handle, no restrictions
The product is classified : Non Toxic