



# CONSOL FIBRE PPF

## Monofilament Polypropylene Fibres for Concrete

### DESCRIPTION

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

### RECOMENDED FOR

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

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

### BENEFITS

**CONSOL FIBRE PPF** 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/cm<sup>3</sup>

#### Length

12 mm

#### Diameter

18 micron – nominal

#### Tensile Strength

300 – 440 MPa

#### Elastic Modulus

6000 – 9000 N/mm<sup>2</sup>

#### 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 0.6-1 kg **CONSOL FIBRE PPF** per m<sup>3</sup> concrete directly into the mixture. A mixing time of 3 to 5 minutes is necessary to ensure uniform fibre dispersion throughout the mix.

**CONSOL FIBRE PPF** 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.