



## CONSOL PP FIBER MACRO 18 mm

Macro Synthetic Polypropylene Fibers for Concrete

### DESCRIPTION

**CONSOL PP FIBER MACRO 18 mm** is high quality macro synthetic polypropylene fibres. It is designed to minimize and control plastic shrinkage cracks in concrete.

### RECOMENDED FOR

**CONSOL PP FIBER MACRO 18 mm** reinforces fresh concrete and reduce the incidence of shrinkage cracking in pre-hardening stage. **CONSOL PP FIBER MACRO 18 mm** is used in:

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

### BENEFITS

**CONSOL PP FIBER MACRO 18 mm** 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

#### Colour

Silver

#### Density

0.91±0.01 g/cm<sup>3</sup>

#### Length

18±1 mm

#### Fiber Diameter

0.3±0.03 mm

#### Tensile Strength

≥480 MPa

#### Crack Elongation

≥15%

#### Melting Point

≥160°C

#### Shelf life

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

#### Packaging

10 kg/bag

### INSTRUCTION FOR USE

Put 0.6 kg **CONSOL PP FIBER MACRO 18 mm** per m<sup>3</sup> concrete directly into the mixture. A mixing time of 3 to 5 minutes is necessary to ensure uniform fiber dispersion throughout the mix.

**CONSOL PP FIBER MACRO 18 mm** 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.