



POLIMIX®

POLIMIX® Polypropylene Fibres

The **POLIMIX®** polypropylene fibres have been developed specially for reinforcing the concrete during the first 10-12 hours of the hardening process. Suitable for cement based mortar, estrich, etc.

FIELDS OF USE:

- Industrial floors
- Outdoor concrete slabs
- Concrete walls
- Prefabricated segments
- Dry mortars

BENEFITS:

Prevents shrinkage cracks, (especially for workfloors and roads). Increase wear and knock proof.

TECHNICAL DATA:

- Raw material: Polypropylene
- Density: 910 kg/m³
- Fibre length: 6-12 mm
- Fibre diameter: 31 µm
- Colour: Transparent
- Breaking strength: 400 MPa
- E-modulus: 3500-3900 N/mm²
- Water absorption: 0 %

DOSAGE:

Screed: min. 600 gr/m³, max. 2.700 gr/m³

Concrete/shotcrete: min. 900 gr/m³, max. 5.000 gr/m³

No limit of use.

PROCESSING:

When adding 900 grams of fibres per m³ (0.1 %), there is no need to adapt the composition of the concrete. Where greater quantities of fibre are added, the W/C factor should be increased by 5 to 10 % in order to maintain the same working qualities.

Ask for usage details.

SAFETY:

No ecological, toxicological or safety risks. Fibres that stick out disappear with polishing. On unpolished concrete, they can be removed with a flame torch.

PACKAGING:

In not dissolving paper bags, 900 gr/bag. 24 bags per box, net 21,6 kg.

16 boxes per pallet 80 x 120 cm, net 345,6 kg.

