

CONTOPP®
FIBER PP

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PROPERTIES**PRODUCT DESCRIPTION**

Fiber PP are polypropylene fibers with a length of 12 mm and are used as an additive in screed mixtures to minimize cracking during the drying and curing phases. They can enhance the strength and durability of the screed against mechanical stress.

APPLICATION AREA

Fiber PP is suitable for all types of cement-bound screeds (e.g., cement screed, self-leveling screed) in interior and exterior use. They reduce the tendency toward early shrinkage and stress cracks.

ADVANTAGES

- Reduction of early shrinkage cracks
- Improved durability of the screed
- No risk of corrosion
- Acid and alkali resistance
- Easy to apply

TECHNICAL DATA**GENERAL SPECIFICATIONS**

Specific gravity:	0.91 g/cm ³
Dry heat resistance:	Approx. 120°C
Alkali resistance:	good
Weather resistance:	good
Aging resistance:	good
Solvent resistance:	good
Light resistance:	moderate

PHYSICAL PROPERTIES

Colour:	white, transparent
Fiber surface area:	Approx. 0.069 m ² /g
Film width:	250 - 400 µm
Film thickness:	35 - 40 µm
Cut length:	12 mm
Approx. individual fibers per gram:	11,000
Melting temperature:	Approx. 160 °C
Swelling value in water:	Approx. 0 %
Tensile strength:	253 - 525 N/mm ²
Ultimate elongation:	10 %

PROCESSING INFORMATION**FORMULATION AND MIXING**

- Before adding, sprinkle the fibers evenly into the fresh screed mortar.
- Recommended dosage: 50 g of fibers per 200 liters of fresh screed mortar.
- Ensure even distribution of the fibers in the mixer.
- The fibers can be added together with mixing water.
- No changes to the water content are required.
- The screed is applied as usual.

COMPATIBILITY WITH PRODUCTS FROM THE CONTOPP® RANGE

Fiber PP is compatible with all cement screeds based on CONTOPP® admixtures as well as all other standard screeds.

GENERAL INFORMATION

STORAGE AND SHELF LIFE

Fiber PP should be stored in a dry, clean place in its original packaging.
Shelf life: approx. 6 months from the date of delivery.

PACKAGING

Disposable container outer carton
20 plastic bags, each containing approx. 1000 g of fibers (net)

SAFETY

The product is physiologically harmless. When handling, it is recommended to wear a dust mask and gloves to prevent skin and respiratory tract irritation caused by dust.

COMMENTS

The raw materials we process and the products we produce are subject to strict factory inspections. Do not use products from other manufacturers when using this product. It is stressed that our products and the procedure must be tested for suitability for the expected construction site conditions. The quality of screeds is essentially influenced by the quality of sand and cement, the mixing rates and the processing in accordance with approved screeding technology. Since we have no control over site conditions or construction practices, no legal liability can be derived from this technical data sheet. Upon the publication all other previous copies shall become invalid.

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