



CONTOPP®

Fiber PP

Item number: 35.610

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 stresses.

CHARACTERISTICS

Applications

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

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

TECHNICAL DATA

Physical properties

Color:	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%

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 the mixing water.
- No changes to the water content are required.
- The screed is applied as usual.

NOTES ON APPLICATION

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.

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.

GENERAL NOTES



Packaging

Disposable container Outer carton
20 plastic bags, each containing approx. 1,000 g of fibers (net)

Safety Instructions

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.

Comment

The raw materials we process and the products we manufacture are subject to strict factory controls. Please note that our products and the application process must be evaluated for their suitability for the expected site conditions. The quality of the sand and cement, the mixing ratios, and the application in accordance with recognized rules of screed installation technology are essential for the quality of the screed. Since we have no control over the construction site conditions or the execution of the work, no legal liability can be derived from this technical data sheet. With the publication of this technical data sheet, all previous versions lose their validity.

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