

Fibrofor[®] High Grade



PRODUCT DESCRIPTION

Fibrofor High Grade is a fibrillated fibre serving as structural concrete reinforcement. The special rough embossing enables an optimum anchoring to the concrete.

APPLICATIONS

- Industrial flooring
- Inside flooring
- External area
- Reduction of depth water penetration
- Reduction of plastic shrinkage

DOSAGE

The recommended dosage für Fibrofor High Grade is 1,0 kg per m³ of concrete.

PROPERTIES

Raw material	polyolefin
Density	0,91 kg/dm ³
Resistance to acids/alkali	inert
Composition	foil fibre
Form	microfibre
Length	19,0 mm, tolerance +/- 1,5%
Foil thickness	0,08 mm
Tensile strength	≈ 450 N/mm ²
E-Modul	≈ 4 900 N/mm ²
Softening point	≈ 150° C
Colour	beige

MIXING

The addition of Fibrofor High Grade may increase the consistency of the concrete.

It is recommended to check the consistency of the concrete prior to the start of the project. If an adaption of the consistency is necessary, plasticizers should be added.

Before emptying the ready-mix truck on the jobsite, the fibre concrete should be mixed at maximum revolution speed of the ready-mix truck for about 2 minutes.

DATASHEET



PACKAGING

Article-Nr.

- 775050 : 1,0 kg paper bag loose

STORAGE

Under cover, dry, protected from moisture and humidity.

CONFORMITY

- Norm EN 14889-2 System 3, Class Ib
- EPD/sEnvironmental product declaration ISO 14025 and EN-15804: Nr. 1.1.00248.2021

Contec Fiber AG does not have any control over production processes using Fibrofor High Grade. Therefore, Contec Fiber AG declines any liability for the associated end products.

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