

Concrix[®]
HPC-A



PRODUCT DESCRIPTION

Concrix HPC-A is a macro synthetic fibre serving as structural concrete reinforcement. The special rough embossing enables an optimum anchoring to the concrete.

APPLICATIONS

- Architectural concrete
- Reduction of plastic shrinkage in normal concrete

DOSAGE

The recommended dosage für Concrix HPC-A is between

- UHPFRC: 20,0 – 50,0 kg per m³
- HPC: 2,0 – 23,0 kg per m³
- Normal concrete: 1,0 – 5,0 kg per m³

PROPERTIES

Raw material	polyolefin
Density	0,91 kg/dm ³
Resistance to acids/alkali	inert
Composition	bicomponent, rough embossed fibre.
Form	macrofibre
Length	18,0 mm, tolerance +/- 1,5 mm
Diameter	0,33 mm
Tensile strength	≈ 680 N/mm ²
E-Modul	≈ 12 000 N/mm ²
Softening point	≈ 150° C
Colour	transparent
Number of fibres per kg	≈ 710 000

MIXING

The addition of Concrix HPC-A 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.

PACKAGING

- Article-Nr.
- 775018 : 3,0 kg plastic bag loose

DATASHEET



STORAGE

Under cover, dry, protected from moisture and humidity.

CONFORMITY

- Norm EN 14889-2 System 1, Class II

Contec Fiber AG does not have any control over production processes using Concris HPC-A. Therefore, Contec Fiber AG declines any liability for the associated end products.

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