

Concrix[®] HS35



PRODUCT DESCRIPTION

Concrix HS35 is a bicomponent macro synthetic fibre serving as structural concrete reinforcement. The special rough embossing enables an optimum anchoring to the concrete. The increased technical parameters of the concrete can be used for static concrete fibre reinforcement calculation.

APPLICATIONS

- Precast
- Shotcrete dry process

DOSAGE

- The recommended dosage für Concrix HS35 is between 2,0 – 7,5 kg per m³ of concrete.

PROPERTIES

Raw material	polyolefin
Density	0,91 kg/dm ³
Resistance to acids/alkali	inert
Composition	bicomponent, rough embossed fibre.
Form	macrofibre
Length	35,0 mm, tolerance +/- 5%
Diameter	0,50 mm
Tensile strength	≈ 620 N/mm ²
E-Modul	≈ 11 000 N/mm ²
Softening point	≈ 150° C
Colour	Yellow
Number of fibres per kg	≈ 150 000

MIXING

The addition of Concrix HS35 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.

PACKAGING

Article-Nr.

- 775022 : 4,0 kg paper bag loose
- 775025 : 2,0 kg paper bag puks

STORAGE

Under cover, dry, protected from moisture and humidity.

CONFORMITY

- Norm EN 14889-2 System 1, Class II
- DIBt Zulassung: Allgemeine bauaufsichtliche Zulassung: Nr. Z-3.73.2040 „Plastic Shrinkage“
- EPD/Environmental Product Declaration ISO 14025 and EN-15804: Nr. 1.1.00438.2023

Contec Fiber AG does not have any control over production processes using Concrix HS35. Therefore, Contec Fiber AG declines any liability for the associated end products.

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