

High-performance polypropylene microfiber 18 mm acc. to DIN EN 14889-2

APPLICATION:

- » Screed
- » Shotcrete
- » Segments
- » Precast plants

ADVANTAGES:

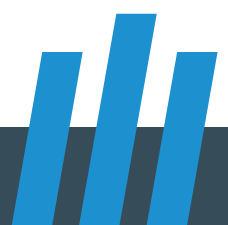
- » Easy to process
- » Reduced tendency to crack due to plastic shrinkage
- » No rust stains
- » The nature of the material provides for low wear on the mixing and conveyor systems

PRODUCT DESCRIPTION

3CS® FibCon 018 is designed for use in concrete and mortar. **3CS® FibCon 018** is a synthetic microfiber for fiber-reinforced concretes and mortars. Fiber addition can result in a loss of consistency of the concrete. We rather recommend adjusting the concrete mix design and optimizing the possible loss of consistency with an appropriate **3CS® AdCon superplasticizer** than adding extra water. Preliminary tests under practical conditions are recommended.

PROCESSING

To achieve a homogeneous fiber distribution in the concrete, add **3CS® FibCon 018** directly to the conveyor belt/elevator and dose with the aggregate. For optimal fiber distribution, use a fiber dosing system. A minimum mixing time of 90 seconds is recommended. For higher fiber dosages, a longer mixing time may be required.



STORAGE CONDITIONS

Store in the original sealed container in a cool, dark and dry place. A closed room (+5 °C to +30 °C) to protect against the weather is recommended. Protect from direct sunlight, frost and contamination. Disposal of the fibers and the packaging is the responsibility of the user. Observe local regulations.

SAFETY INSTRUCTIONS

Please observe the hazard warnings and safety advice on the labels and in the safety data sheets.

TECHNICAL SPECIFICATIONS

MATERIAL:	Polypropylene
DOSAGE	0.60 - 3.00 kg/m ³
LENGTH	18 mm (± 10 %)
DIAMETER	32 µm (± 10 %)
FIBER COUNT (per kg)	~ 75,909,523
COLOR	colorless
MELTING POINT	160 °C
CONTENTS	910 g/bag 900 g/bag

ARTICLE NUMBER	UNIT	PACKAGING UNIT
B414004410000	kg	18.20 kg cardboard box
B414004510000	kg	18.00 kg cardboard box

This data sheet, like our other technical information, serves only to describe the nature of this product and the processing and application options. However, it is not intended to guarantee certain product properties or fitness for a specific purpose, and the description does not contain complete instructions for use. As we reserve the right to make changes to our data sheets, it is the customer's responsibility to ensure the availability of the up-to-date data sheet. Current information sheets can be requested at any time from any of our premises. Typos, technical changes and errors excepted. In addition, our general terms and conditions apply. **Version: 16.07.2026**