



CHRYSO® Fibre UF-500

Natural anti-cracking micro-fiber

Description

CHRYSO® Fibre UF-500 is a natural micro-fiber

The coating of CHRYSO® Fibre UF-500 gives an excellent adherence to the cement paste, and even better compared to synthetic fibers, which increase strain capacity.

CHRYSO® Fibre UF-500 slows down the bleeding, reduces the permeability and avoids spalling when removing the form.

CHRYSO® Fibre UF-500 decreases the risk of cracking during the pre-hardening stage. This means the damaging effects of plastic shrinkage are eliminated.

CHRYSO® Fibre UF-500 improves the abrasive resistance, resistance to impacts (surface, joints, angles), resistance to frost/defrost cycle, fire resistance and resistance to chemical attack.

CHRYSO® Fibre UF-500 is not a structural reinforcement of concrete.

Characteristics

- ◆ Color: White
- ◆ Density: 1,10
- ◆ Length: 1,9 – 2,3 mm
- ◆ Nominal diameter: 14 - 17 microns
- ◆ Tensile strength: 600 - 900 MPa
- ◆ Young modulus: 8500 N/mm²

Packaging

Dose of 450g
Box of 40 doses
Pallet of 20 boxes

Applications

- Slabs
- Tanks
- All precasted elements
- Pumped concrete
- Shotcrete
- Grouts

Method of use

The dosage of CHRYSO® Fibre UF-500 is 1 bag of 450g per m³ of concrete.

CHRYSO® Fibre UF-500 can be added directly into the truck mixer, followed by rapid mixing for 5 minutes.



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SAFETY

CHRYSO® Fibre UF-500 is a product classified as “harmless”. It is recommended to wear normal protective equipment.

For further information, please refer to the safety data sheet on www.chryso-online.com

The information contained in this document is given to the best of our knowledge and is the result of objective testing. However, it cannot under any circumstances be considered as a warranty involving our liability in the case of misuse. Tests should be carried out before any use of the product to ensure that the methods and conditions of use of the product are satisfactory. Our specialists remain at the disposal of the users to help with any problem they may have.

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