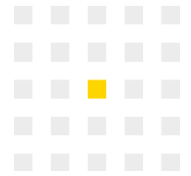


CHRYSO®Fibre S25

Synthetic macro-fiber for "structural" reinforcement



CHRYSO®Fibre S25 is a structural synthetic fiber, made with a mix of two high tensile strength raw material.

CHRYSO®Fibre S25 improves the following characteristics of concrete:

- ductility after shrinkage,
- impact resistance,
- shrinkage and bleeding resistance.

CHRYSO®Fibre S25 has a huge boundary, which comes from its capacity of fibrillation at each end, during mixing.

CHRYSO®Fibre S25 is an alternative to welded wire fabric (costs and laying down time savings).

CHRYSO®Fibre S25 spreads evenly in concrete, thus creating a multidirectional network of reinforcement, without risk of corrosion.

Indicative characteristics

- Nature: mix of polypropylene and polyethylene
- Colour: White
- Specific gravity: 0,920
- Length: 40 mm
- Tensile strength: 600 MPa
- Elasticity modulus: 5 GPa
- Melting point: 160 °C
- Inflammation point: 590 °C
- Chemical resistance: élevée
- Shelf life: 36 months

Norms and regulations

- This product conforms to CE marking. The appropriate declaration can be found on our internet site.

Domains of application

- All cement types

- Pumped concrete
- Shotcrete
- Cement screed
- Slabs
- Vaults
- Precast elements
- Man holes

Method of use

Dosage: 1 to 8 kg/m³ of concrete.

Dosage may vary according to the use and type of concrete.

This product may cause loss of workability which can be compensated for using an appropriate plasticizing or superplasticizing admixture.

This product is compatible with any CHRYSO® admixture.

In the event **CHRYSO®Fibre S25** is used in Screed or mortar, it is preferable to open the bag and empty it in the mixer.

Mixer: **CHRYSO®Fibre S25** can be incorporated with aggregates. A time of dry mixing (30 seconds) is recommended.

Truck: **CHRYSO®Fibre S25** can be incorporated into concrete, with a mixing time of approximately 10 minutes.

CHRYSO®Fibre S25 can replace, in numerous cases, steel mesh or steel fibers.

Safety

Before use, refer to the Material Safety Data Sheet.

The MSDS is available on www.chryso.com



The information contained in this technical data sheet is given to the best of our knowledge and the result from extensive testing - which were conducted in order to remain as objective as possible. However, it cannot, in any case, be considered as a warranty involving our liability in case of misuse or any different use of our products, other than those from the «Application» paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users. Please enquire for the most recent version of the technical data sheet, available on www.chryso.com.

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