

# CHRYSO FIBRIN 23 D

Synthetic micro-fiber

## DESCRIPTION

FIBRIN 23D is a synthetic micro-fiber. FIBRIN 23D has a good adherence to the cement paste, which increases strain capacity. FIBRIN 23D slows down bleeding, reduces permeability and avoids spalling when removing the form. FIBRIN 23D decreases the risk of cracking during the pre-hardening stage, therefore eliminating the damaging effects of plastic shrinkage.

FIBRIN 23D improves resistance to abrasion, impacts (surface, joints, angles), frost/defrost cycles, fire and chemical attacks. FIBRIN 23D is not a structural reinforcement of concrete.

## FIELDS OF APPLICATION

- Exposed aggregate concrete
- Pumped concrete
- All cement types
- Industrial floors
- Cement screed
- Precast
- Shotcrete
- Coating
- Tanks
- Reservoirs
- Slabs

## INDICATIVE INFORMATION

<b>Product Nature</b>	solid
<b>Color</b>	White
<b>Specific gravity (20°C) in kg/dm<sup>3</sup></b>	0,910
<b>Fiber length</b>	12 mm
<b>Nominal diameter</b>	18 µm
<b>Tensile strength</b>	557 MPa
<b>Fusion Point</b>	160 °C
<b>Chemical resistance</b>	Forte

## NORMATIVE AND REGULATORY INFORMATION

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

## METHOD OF USE

- This product is added to the concrete at any moment of the mixing stage, with no modification of the mixing time or of the initial quantity of mixing water.
- It can be added directly into the truck mixer, followed by a rapid mixing of 5 minutes.
- This product is compatible with any CHRYSO® admixture.

### Dosage :

1 dose sachet per m<sup>3</sup> of concrete to be fiberized. This represents approximately 180 million fibers / m<sup>3</sup> for a dose of 600 g and approximately 273 million fibers / m<sup>3</sup> for a dose of 910 g.

## SECURITY

Before use, see MSDS.



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.fr](http://www.chryso.fr)

CHRYSO 19 place de la Résistance - 92445 ISSY LES MOULINEAUX France Tél.:+33 (0)1 41 17 18 19 Fax:+33 (0)1 41 17 18 80 e-mail:contact@chryso.com

# CHRYSO FIBRIN 23 D

Synthetic micro-fiber



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.fr](http://www.chryso.fr)

CHRYSO 19 place de la Résistance - 92445 ISSY LES MOULINEAUX France Tél.:+33 (0)1 41 17 18 19 Fax:+33 (0)1 41 17 18 80 e-mail:contact@chryso.com