

# FIBERMIX FLOW SPRITZ

HIGH STRENGTH STEEL FIBRE FOR STRUCTURAL  
AND NON-STRUCTURAL REINFORCEMENT  
OF CONCRETE AND MORTARS



CONCRETE  
line

FIBRE TO REINFORCE  
CONCRETE



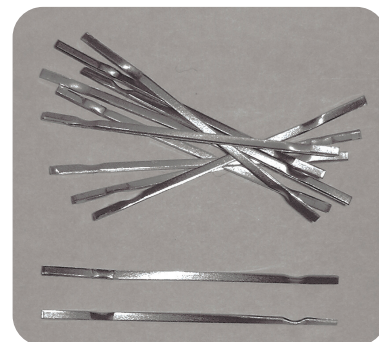
**FIBERMIX FLOW SPRITZ** is a low carbon steel fibre for structural and non-structural reinforcement of highly stressed concrete and mortar. It provides high ductility and mechanical impact strength. The particular shape of the fibre facilitates pumpability of the mix and ensures high anchorage in the cement matrix.

## ADVANTAGES

The physical and mechanical properties and special geometry make **FIBERMIX FLOW SPRITZ** the ideal solution for mortar and concrete mixes.

**FIBERMIX FLOW SPRITZ** gives concrete:

- ✓ High impact resistance
- ✓ Increased ductility of concrete.
- ✓ Increased tensile behaviour of the cement matrix in the cracked phase
- ✓ High adhesion to the cement matrix
- ✓ Homogeneous distribution in the mix
- ✓ Improved post-breakdown behaviour
- ✓ Excellent crack control
- ✓ Homogeneous distribution throughout the concrete mass.



## APPLICATION

**FIBERMIX FLOW SPRITZ** acts as a reinforcement of the cement matrix, improves the physical and mechanical properties of conglomerates, and is particularly used in the following applications:

- ✓ Industrial flooring in concrete
- ✓ Restoration of plasters
- ✓ Fibre-reinforced plasters
- ✓ Pouring of decks and slabs
- ✓ Spritz beton;

## APPLICATION

- ▶ Place all the mix components (aggregates, water, cement and admixtures) in the concrete mixer and with the mixer rotating at high speed gradually add fibres until the desired dosage is reached.
- ▶ Continue mixing for at least 5 minutes to ensure even distribution.

## PACKAGING AND STORAGE

**FIBERMIX FLOW SPRITZ** comes in:

- 25 kg bags on 1000 kg pallets.

Store pallets safe from exposure to bad weather.

## SPREAD

The dosage of **FIBERMIX FLOW SPRITZ** is chosen according to the characteristics desired for the structure, and this depends on the type and stresses to which it will be subjected.

Typically, the dosage ranges from 30 to 70 kg/m<sup>3</sup> of concrete.

## PRODUCT CHARACTERISTICS

COMPOSITION	High strength, low carbon steel
LENGTH (L)	30 mm
EQUIVALENT DIAMETER (D)	0.67 mm
ASPECT RATIO (L/D)	45
SHAPE	Straight line (two notches)
TENSILE STRENGTH (R <sub>m</sub> )	1.100 MPa
FIBRE WEIGHT(g/EACH)	0.08242 g/each
NO. OF FIBRES PER kg	12.133
DIMENSIONAL TOLERANCES	
EQUIVALENT LENGTH AND DIAMETER	± 10%
ASPECT RATIOS (L/D)	± 15%

### Legal notes – SLCMP version of 01.03.2017

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The Customer is required to verify that this sheet and the values shown are valid for the batch of the product of interest, and are not exceeded as they are replaced by subsequent editions. In the event of any uncertainty, compare the technical data sheet with the version in effect at the time the sales contract was concluded (available from the website [www.draco-edilizia.it](http://www.draco-edilizia.it), and/or our Technical Office). In the event the Customer requests that our personnel provide any additional advice concerning the use of the product, such information, whether in verbal or written form, shall not constitute an additional obligation with respect to the terms of the purchase contract, and shall not, in any way, represent a contractual obligation on our part. Such information is based on our experience and is limited to the current state of practical and/or scientific knowledge; hence, it is not binding either for the customer or for the personnel assigned to apply the product. In particular, the Customer is required to check that our products are suitable for the intended use and application, and shall accept sole responsibility for any choices and decisions made on the basis of such checks.