



MULTIFILS

The quality difference



Fibres of 100% virgin polypropylene!

- avoid cracking effect due to plastic shrinkage
- replace the anti-cracking wire mesh
- suitable for all types of concrete compounds
- simplify the work and make it more economical
- ready-to-use bags (dosed according to the capacity of your mixer)
- do not influence mixing time
- chemically inert
- alkali resistant

SPECIFICATIONS

RAW MATERIAL:	100% pure PP Antigasfeeding
SPECIFIC GRAVITY:	0,915 gr/cm ³
TENSILE STRENGTH:	40-100 (.28-.77 kN/mm ²)
SPLIT TENSILE STRENGTH:	3,8 gr/DN
ELASTIC MODULUS:	3,60 kN/mm ²
MELTING POINT:	160°C - 170°C
IGNITION POINT:	> 320°C
COEFFICIENT OF THERMAL-LINEAR DILATATION (20°C):	75 x 10 ⁻⁶ cm/cm x °C
WATER ABSORPTION:	none
SECTION OF THE FIBER:	round
LENGTH:	from 6 to 50 mm (standard lengths)
PACKING:	from 100 gr to 20 kg

DIRECTIONS FOR USING MULTIFILS

DOSAGE:

for screed: about 900 gr/m³

for other applications the dosage varies from 600 gr/m³ to 1 kg/m³ according to the final purpose and the capacity of your mixer.

MIXING PROCESS:

Fibres can be mixed together with concrete directly in the factory (in the mixer or transit mixer while filling cement) or at the building site as well.

For 1 m³ concrete the mixing time is of about 1 minute.

A prolonged mixing doesn't adversely affect the distribution of fibres.

It is advisable to add the fibres before water.

Do not add further water if not allowed by the engineer. To facilitate the workability we suggest to add, if necessary, a super-fluidifying product which also improves the water/cement ratio.

Fibre reinforced concrete is then to be used according to the usual methods.

For more information about the use of Multifils, please take contact with our technicians.

MAIN APPLICATION

- normal and fluid concrete floor slabs
- heated floorings
- not reinforced industrial floorings
- cellar walls
- outside plasters
- wall panels
- dry mortars
- pre-pressed concrete
- spray-concrete
- light concrete
- ready-to-use concrete
- not reinforced concrete pieces
- constructions in fresh and seawater
- piers
- highways

Attention: all data reported can only be considered as general indications. In case of different conditions of work and materials we suggest to do proper tests. A guarantee can be given only for the quality of our product.

V.F.A. s.r.l.

Via Plava, 7 - 23900 LECCO - Italy

Tel. (+390341) 285812 Fax (+390341) 285792

Internet: www.vfasrl.com E-mail: vfa@vfasrl.com