



FIBRE ECOMICS 180

Fibres in polypropylene multifibre for special finalized concrete
and industrial concrete pavings

DESCRIPTION

FIBRE ECOMICS 180 is an auxiliary poly-propylene multifilament micro-fibre, with a length of 18 mm., suitable for the addition of concrete conglomerates. The addition of FIBRE ECOMICS 180 to the mixture allows to contrast the phenomenon of plastic retreat split of the concrete, in addition to having positive effects on the ductility of the mixture, frost- defrost resistance, push resistance and the whole waterproofing.

USE

Making up of concrete, fibre-reinforced, addressed to the realization of special concretes and the building of concrete pavings.

CHARACTERISTICS

Material	poly-propylene 100 %
Specific weight	0,91 g/cm ³
Softening point	160-170°C
Flash point (ASTM D 1929)	+350°C
Auto ignition temperature	> 400°C
Tenaciousness	> 21,8 cN/tex
Fibre shape	circular
Fibre diameter	39,9 um
Length	18,0 mm
Colour	white
Appearance	multifilament
Conglomerate consistence - Tempo di Vebé test (dosage 600 g/m ³).....	11,2 sec

USE MANNER

Ecomics 180 fibres can be added up the concrete as during the making up as to the mixture prepared before. The special sacks in degradable paper in alkaline background allow the direct inlet in the mixer. In this case it is possible to use the following rule: 1' of mixture at the maximum speed of rotation of the mixing drum, each m³ of concrete.

PACKAGING

Boxes of 12 kg with 12 sacks 1 kg. each.

CONSUMER

1 kg./m³ of concrete (n. 1 sack)

CERTIFICATIONS AND LEGISLATIONS

- EN 14889-2:2006 (System 3)
- Fibres for concrete
- Polymer fibres
- Definitions, specifications and conformity



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