



Fibercon

Product Data Sheet

MP47

Description

Fibercon - MP47

47mm Macro Polyfibres - 47mm Long

The Structural Macro Fibres offer post crack performance.

Features

- Provides good impact, fatigue and shrinkage control in all grade concretes
- Easy to use in medium performance pavements
- Ideal for toppings
- Excellent post crack control (toughness)
- Its positive mechanical anchorage gives exceptional 3 dimensional post crack control
- Is suited for hand and conventional finishing
- Mixes consistently and uniformly
- VERY ECONOMICAL

Estimating Data

The dose rate of fibre is dependent on the application however the minimum dose is 3kg/m³ and then it will increase in increments of 2kg/m³ to 3 kg/m³ accordingly up to 10kg/m³

Typical Applications

The Fibercon MP47 is suited to many applications

- Pavements, Light Duty to Medium Impact, roads, paths, bikeways
- Toppings
- Precast
- Bunds
- Decorative Stencil Concrete

Technical Information

Fibre	Macro Poly
Minimum Tensile Strength	500 MPa
Fibre length	47mm
Thickness - Equivalent	< 0.5 mm
Tolerances	+ or - 5%
Aspect ratio	100
Anchorage	Continuous Deformation
Appearance	Grey Macro and Clear Polypropylene
Complying	ASTM C 1116, Type III.

Packaging

Fibercon MP 47 fibres come in 3kg boxes

Safety

It is recommended that when handling or adding the Fibercon MP 47 fibres to concrete that gloves and eye protection be worn

How should a Fibercon MP 47 Specification Read

It is recommended the following phraseology is all you need to secure the benefits of Fibercon MP 47:

"Fibercon MP 47 Reinforcement shall be 47mm long and added to the concrete at the rate of ____ Kg/m³.

The fibre shall be made from Macro Polypropylene with a tensile strength of greater than 500 MPa and have sufficient ductility to permit 180 degree bends without rupture. Fibres shall be continuously deformed."