Product Data Sheet

Emesh 100% Recycled Macro Poly

Description

47mm Recycled Macro Poly fibres – 47mm Long
The Structural Macro Fibres offer post crack performance.
The Emesh is continuously deformed for greater anchorage.
The Emesh Structural Macro Fibres offers post crack performance.

Features

- Provides good impact, fatigue and shrinkage control in all grade concretes
- Is very good in post crack control (toughness) Re3
- Its positive mechanical anchorage gives exceptional 3 dimensional post crack control
- Performs and sprays well in shotcrete applications
- Simple to handle
- Excellent in Corrosive environments
- VERY ECONOMICAL
- Reduced carbon footprint of over 90%

Estimating Data

The dose rate of fibre is dependent on the application however the minimum dose is 4kg/m^3 and then it will increase in increments of 2kg/m^3 accordingly

Typical Applications

The Fibercon Emesh is suited to many applications

- Footpaths
- pavements
- Precast
- Shotcrete
- Corrosive environments

Technical Information

Fibre	100% Recycled Macro Poly
Minimum Tensile Strength	350 MPa
Fibre length	47mm
Thickness - Equivalent	< 0.5 mm
Tolerances	+ or - 5%
Aspect ratio	100
Anchorage	Continuous Deformation
Appearance	Grey Macro - Colour can vary
Complying	**ASTM C 1116, Type III.**

Packaging

Fibres come in boxes of 4kg boxes. MUST BE PROTECTED FROM MOISTURE OR WATER

Safety

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

How should a Fibercon Specification Read – Emesh

It is recommended the following phraseology is all you need to secure the benefits of Fibercon Emesh fibres
"Fibercon Emesh Reinforcement shall be added to the concrete at the rate of ____ Kg/m^3.
The fibre shall be made from 100% recycled Polypropylene with a tensile strength of greater than 350 MPa and have sufficient ductility to permit 180 degree bends without rupture. Fibres shall be continuously deformed