



Fibercon

Product Data Sheet

SMP 65

Description

Fibercon - SMP 65
65mm Shotcrete Macro Polyfibres - 65mm 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 premium performance shotcretes
- Excellent post crack control (toughness)
- Its positive mechanical anchorage gives exceptional 3 dimensional post crack control
- Performs and sprays well in shotcrete applications
- Mixes consistently and uniformly
- VERY ECONOMICAL

Estimating Data

The dose rate of fibre is dependent on the application however the minimum dose is 4kg/m³ and then it will increase in increments of 2kg/m³ to 3 kg/m³ accordingly up to 10kg

Typical Applications

The Fibercon SMP 65 is suited to high performance shotcrete applications

- Shotcrete for underground support
- Bunds
- Open Channels

Technical Information

Fibre	Macro Poly
Minimum Tensile Strength	550 MPa
Fibre length	65mm
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 SMP 65 fibres come in 3kg boxes

Safety

It is recommended that when handling or adding the Fibercon SMP 65 fibres to concrete that gloves and eye protection be worn

How should a Fibercon SMP 65 Specification Read

It is recommended the following phraseology is all you need to secure the benefits of Fibercon SMP 65:

"Fibercon SMP 65 Reinforcement shall be 65mm 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 550 MPa and have sufficient ductility to permit 180 degree bends without rupture. Fibres shall be continuously deformed."