

ULTRAFIBER 500®

INVISIBLE CELLULOSE

UltraFiber 500® reinforcement fibre for concrete is 100% virgin specialty cellulose fibre with a patented alkaline resistant coating specifically engineered and manufactured in an ISO 9001 certified facility.

UltraFiber 500® provides excellent secondary reinforcement from high fibre surface area, close fibre spacing, excellent bonding within the cement matrix, high fibre tensile strength, and easy dispersion in concrete so it is always positioned correctly. It is safe, easy to use, and offers superior finishability.

With over 1500 million fibres per kg, extremely high surface area, extensive bonding with cement, high fibre tensile strength and extremely close fibre spacing, UltraFiber 500® is outstanding at intersecting micro-cracks as they form, dispersing the tensile stress, and reducing visible macro-cracks.



KEY BENEFITS

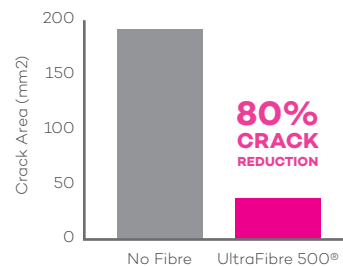
- Ease of handling.
- Invisible finish.
- High alkaline resistance.
- Improves impact resistance, tensile strength and ductility.

PACKING

- 0.45kg water-soluble bags.
- 30 bags per carton.

SAFETY

- We recommend that gloves and eye protection be used when handling or adding fibre.



UltraFibre 500® in concrete results in 80% fewer cracks than concrete without fibre (0.9kg/m³)

TECHNICAL INFORMATION

ULTRAFIBER 500®

Material Type	Virgin specialty cellulose
Tensile Strength	600 - 900N/mm ²
Count, fibers/kg	1,440,000,000
Appearance	White disolvable squares

FIBRE SELECTION GUIDE

Fibre	Length	Equiv. Diam.	Applications
UF500	2.1mm	18um	Decorative commercial & residential slabs, composite metal decks, paving, pervious paving, curb and gutter, slip form, architectural & decorative, pre-cast, shotcrete, walls, white topping

ULTRAFIBER 500® AT WORK

TECHNICAL CASE-STUDIES

TEMUKA SALEYARDS TRUCK TURNING YARD



NATIONAL CYCLEWAYS MITIGATION OF PLASTIC AND TEMPERATE SHRINKAGE CRACKING

