

Ultra™ Series

Ultra™ PP Fibre



Readymix Muscat LLC
Premix LLC

a business partner of Lafarge
Ultra Series is a brand of Lafarge



Ultra™ Series Ultra™ PP Fibre

Ultra™ PP Fibre is a polypropylene micro fibre reinforced readymix concrete. It turns concrete into a composite material that slows cracks formation and reduces plastic shrinkage cracking.

APPLICATIONS

Ultra™ PP Fibre can be used in all types of construction its main uses are

- Industrial floors for commercial and residential building
- External pavement
- Concrete under severe environmental conditions
- Precast elements
- Very thin sections with large surface and thickness ratios
- Any other concrete application where enhanced properties are required
- Structural polypropylene fibre for structural applications is available upon customer request

ADVANTAGES OF ULTRA™ PP FIBRE

- Simplifies the construction process
- Reduces labor required to place and handle plastic shrinkage control mesh
- Easier construction method and concrete application that saves time
- Improves the wet mix by reducing the potential for concrete segregation
- Reduces the overall bleed and consequential settlement cracking
- Inhibits early plastic shrinkage cracking
- Increases the cohesiveness of the concrete
- Removes the potential risk of corrosion of steel crack control mesh



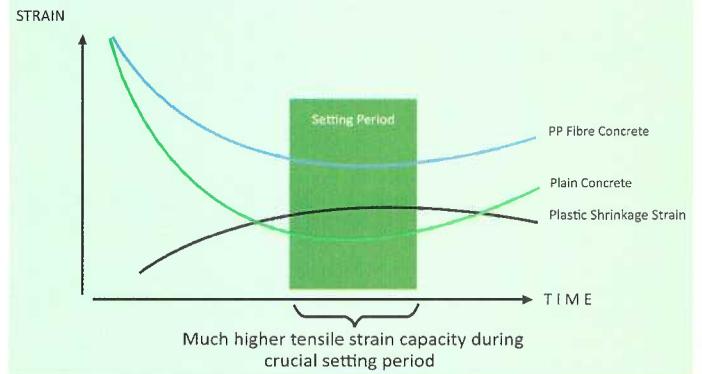
Performace
Quality
Innovation

CHARACTERISTICS OF ULTRA™ PP FIBRE

- Reduce plastic shrinkage cracking
- Tougher surface
- Improve the impact resistance

TECHNICAL INFORMATION OF ULTRA™ PP FIBRE

Raw Material	Polypropylene fibre
Specific Gravity (gr/cm ³)	0.91
Fibre Length	12 mm
Dosage (Kg/m ³)	0.6
Aggregate Size	> 5mm



RECOMMENDATIONS

- Non structural ground supported slabs
- Does not replace any structural steel reinforcing
- The standard rules for good concrete practice and placing must be strictly observed with proper curing procedure as required by normal concrete mixes

Consult the **READYMIX MUSCAT LLC / PREMIX LLC** technical department for further information

SAFETY PRECAUTIONS

The use of safety goggles, gloves and suitable footwear is recommended when placing concrete



FIRST AID

Eyes: Immediately flush eyes, including under lids, with water for at least 15 minutes to remove all particles. If necessary, seek medical advice.

Skin: Wash skin with cold water and a pH neutral soap as soon as possible, except where open wounds are visible. Attention should be paid to wounds and fresh scars which should be covered with protective paraffin gauze. Seek medical help in cases of prolonged contact with wet concrete.

Ingestion: Rinse mouth with clear water. If swallowing has occurred drink plenty of milk or water. Do not induce vomiting. Seek medical attention immediately.

Inhalation: Move to fresh air. If symptoms persist seek medical attention.



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