



UCOFIBRE

CA-105

Crack-Arrest Polypropylene Fibre for Concrete and Mortar Mix

Product

UCOFIBRE is a high quality synthetic polypropylene crack arrest fibre for concrete and mortar

Composition

White coloured polypropylene fibre

Description

UCOFIBRE is an engineered polypropylene fibre that substantially reduces the formation of plastic cracks by increasing the tensile capacity of plastic and semi-plastic concrete. This reduction of plastic cracks enables the concrete to better develop its optimum integrity.

The addition of UCOFIBRE in sprayed concrete gives increased flexural and impact strength and less rebound. UCOFIBRE has been specially developed for the reinforcement of cementitious mortars and concrete mixes.

UCOFIBRE can be easily introduced in to a conventional concrete mix giving millions of dispersed fiber per cubic meter of concrete providing a highly uniform and effective reinforcement.

Advantages

- Increases tensile and compressive strength
- Greater impact resistance of fiber enriched concrete qualities
- Reduces permeability hence ensures water tightness
- Arrests drying shrinkage
- Easy to use and instantly disperse in to the mix
- Chemically inert and do not react with components typical to concrete
- Improves durability
- Minimizes steel reinforcement in industrial floor
- Compatible with all types OPC
- Reduces permeability to chlorides
- Rust and alkaline-proof material
- Suitable for pumped concrete and shot crating
- Cohesive and dense mix
- Highly integral product
- Can be added to normal concrete mixes without any change in mix design

Purpose

Arresting cracks in concrete and mortar. To improving tensile and compressive strength of concrete. To improve impact resistance of dosage concrete 125 - 200 gm /50 KG cement

Where to Use

- Mass concrete
- Pump concrete
- Conquest reinforcement concrete
- Shot carting / Spray concrete
- Floor screeds
- Ready mix concrete
- Dry mix and renders slice forming curb sections

Method of Use

UCOFIBRE is to be mixed with dry cement concrete or mortar. It is to be mixed uniformly throughout and prior to the addition of water.

The normal concrete mixing action and mixing time is sufficient for complete fibre distribution.

Packing

125 gm PP Laminated Pouch

Storage

- UCOFIBRE has a shelf life of 12 months from the date of manufacturing, if stored as per manufacturer's instructions & in manufacturer's original unopened packing.
- Keep away from direct sunlight and store in dry & shade.
- Protect from freezing and moisture.

Handling Precaution

- UCOFIBRE is an industrial chemical; required handling precautions should be followed.
- UCOFIBRE is non-flammable and doesn't contain any flammable ingredient.
- UCOFIBRE is non-hazardous, however inhalation of its dust particles should be avoided. Use of facemask is recommended.
- Prolonged contact with skin should be avoided. Use rubber gloves and boots, when working overhead, goggles should be worn.
- Contact with eye should be avoided. If in contact with eye, wash with water and take medical advice immediately.

Important Note:

All products should be used in accordance with manufacturers instructions. Every effort is made to ensure that the information is reliable, however we do not accept any responsibility for any work carried out with our material(s) as we have no control over the method(s) used for application, site conditions, weather conditions, etc.

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