



# UCLID TECHNOLOGY LTD.

(CONSTRUCTION CHEMICAL DIVISION)

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## PRODUCT SUMMARY

[www.uclidtechnology.com](http://www.uclidtechnology.com)

## UCOFIBRE

CA-195

### Crack-Arrest Polypropylene Fibre for Concrete and Mortar Mix

#### Advantages

- \* Increases tensile and compressive strength
- \* Greater impact resistance of fibre enreached 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
- \* Minimises steel reinforcement in industrial floor
- \* Compitable with all types OPC
- \* Reduces permeability to chlorides
- \* Rust and alkaline-proof material
- \* Suitable for pumped concrete and shot creting
- \* Cohesive and dense mix
- \* Highly integral product
- \* Can be added to normal concrete mixes without any change in mix design

#### Product

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

#### Composition

White coloured polypropylene fibre

#### Purpose

To arrset cracks in concrete and mortar. To improve tensile and compressive strength of concrete. To improve impect resistance of adosage concrete

125 gms - 200 gms/50 kg cement

#### Packing

125 gms PP Laminated Pouch

Our Sole Distributor :

**Innovative** MARKETING

Shop No. 1, Avni Complex,  
G.I.D.C., Estate, Pardi-396 125, Dist. Valsad, Gujarat.  
Phone : (0260) 373551  
E-mail : inn\_marketing@yahoo.co.in

Our Dealer :



**Description**

UCOFIBRE is an engineered polypropylene fibres which 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 fibres per cubic meter of concrete providing a highly uniform and effective reinforcement.

**Where to use**

- \* Mass concrete
- \* Pump concrete
- \* Cast-in-place reinforcement concrete
- \* Shot creting / Spray concrete
- \* Floor screeds
- \* Ready mix concrete
- \* Dry mix and renders
- \* Slipforming curbsections

**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.

**Storage**

has a storage life of minimum one year in unopened pouches

**Handling Precautions**

UCOFIBRE are non-flammable and non-toxic but inhalation should be avoided

**Important Note :-**

All product should be used in accordance with manufacturer's instructions. Every effort is made to ensure that the information is reliable, we cannot accept responsibility for work carried out with our materials as we have no control over methods of application, site conditions etc.