

# CHEMfix Fiber

Polypropylene Fiber for Concrete & Mortar

## Description

**CHEMfix** has developed Polypropylene Fiber to meet the increasing demand for high quality crack free concrete. **CHEMfix FIBER** polypropylene fiber (short-cut strands of very fine denier monofilament\*) is added to the concrete during batching. Thousands of individual fibers are then evenly dispersed throughout the concrete during the mixing process creating a matrix-like structure.

## ADVANTAGES

- Provides temperature-shrinkage reinforcement.
- Reduces plastic shrinkage and plastic settlement cracking.
- Provides multi-dimensional reinforcement.
- Improves impact, shatter and abrasion resistance of concrete.
- Enhances durability and toughness of concrete.
- Reduces bleeding.
- Excellent finish ability.

## Where to use

**CHEMfix FIBER** can be used in all types of concrete applications to achieve enhanced quality concrete with any finish. Main uses are:

- Driveways
- Pathways
- Floors (industrial, commercial or domestic)
- Precast elements
- Cold Room floors
- Very thin sections with large surface to thickness ratios
- Any other concrete application where enhanced properties are required
- Can be used in conjunction with Color Concrete

## Mixing & Dosage

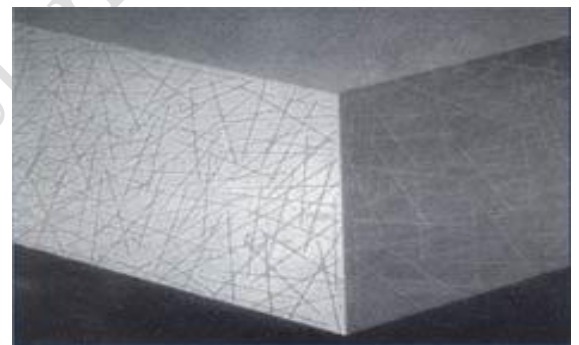
Mixing not required any special procedure add in concrete during batching, Typical standard dosage rate of **CHEMfix FIBER** in concrete is 1.5 lb/cu.yd ( 0.9 kg/m<sup>3</sup>) or as required by specific mix design.

## Packing

1, 2 & 8 Lbs polyethylene bag.

## Standards

**CHEMfix FIBER** meets the requirements of ASTM C-1116



### Note

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control