

DESCRIPTION:

CHEMI FIBER developed Polypropylene Fiber to meet the increasing demand of high quality crack free concrete. **CHEMI FIBER** polypropylene fiber (short-cut strands of very fine diameter 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:

CHEMI 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

STANDARDS:

CHEMI FIBER meets the requirements of ASTM C-1116

MIXING & DOSAGE:

Mixing does not required any special procedure, add in concrete during batching, Typical standard dosage rate of **CHEMI FIBER** in concrete is 75 grams/Bag of cement to 150 grams/Bag of Cement or as required by specific mix design.

PACKING:

1, 2 & 8 Kg polyethylene bag.

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.

