



POLYPROPYLENE (PP) CONSTRUCTION FIBRES - CPP03

for Better Quality & Durability

CETEX CPP03 are polypropylene micro flock fiber of 3 mm length developed for **prevention of crack formation and to provide reinforcement in cementitious mix, coatings and waterproofing products**. They are mainly used in fine layer of **cementitious concrete for strength; in grout for crack prevention; in paint** (base coats / waterproofing) for additional reinforcement. These **microfibers increase the tensile strength, impact strength, water permeability and durability** of the matrix significantly.

Suitable care has been taken to ensure dispersion of fibers during hand mixing of mortar and in paint. It conforms to ASTM C 1116/C 1116M – 10a 4.1.3 Type III & BS EN 14889-2:2006.

DIRECTION OF USE

Premix Additive for Paints & Waterproofing Products at factory - Add fibers in the mixing machine either along with additives or dose at last. Ensure sufficient mixing so that fibers are dispersed.

Manual Mixing at site: - The fiber is dosed in a bucket half filled with water. The water is stirred, which disperses the fiber and this agitated water and fiber mixture is dosed.

SPECIFICATION

Material	:	Virgin PP (white)
Length	:	3.0 +/- 0.25 mm
Diameter	:	24 micron (approx.)
Aspect ratio	:	250 (approx.)
Melt Point	:	162 °C
Specific Gravity	:	0.91
Thermal & Electric Conductivity	:	Low
Alkali Resistance	:	100% Alkali Proof
Acid & Salt Resistance	:	High



DOSAGE

It is recommended to optimize the dosage depending on the requirement.

Note: The addition of fibers to a given mix may appear to decrease the slump. The workability, however, will not be affected and additional water should not be added