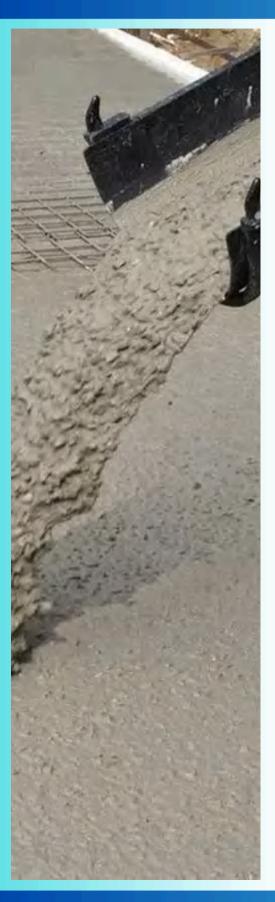
CCI STRANDZ MSF 450

POLYPROPYLENE MICRO SYNTHETIC FIBERS





PRODUCT INTRODUCTION

CCI StrandZ MSF 450 is a filament polypropylene fiber manufactured from 100% virgin polypropylene primarily used as a plasticresins. MSF450 are shrinkage reinforcement in concrete. The fibers measurably reduce plastic settlement, while offering excellent distribution and finishing abilities. MSF450 also extends service life of the concrete by enhancing impact and surface abrasion resistance.

PRODUCT APPLICATION:

Sidewalks

Controls plastic shrinkage cracking, enhances surface durability.

Decks

Improves toughness and resistance to cracking from thermal variation and vibration.

Patios

Minimizes shrinkage cracks and surface defects in exposed concrete areas.

• Residential driveways

Increases wear resistance and service life of dailyuse concrete surfaces.

Pool decks

Reduces micro-cracking and improves slipresistant surface finishing.

• Extrude curbs and gutter Provides better cohesion and crack control during form setting and extrusion.

• Basement and garage floors

Enhances resistance to plastic shrinkage and early thermal cracking in enclosed slabs.

Concrete / Cement / Gypsum / Stucco

Widely used in plastering works, mortars, and cementitious products for crack resistance.













FEATURES & BENEFITS

- Uniform distribution throughout the concrete mix
- Excellent finishing abilities
- Excellent reduction in plastic shrinkage and settlement cracking
- Measurably reduces permeability, thus increasing freeze-thaw durability
- Increases concrete durability including impact andabrasion resistance and fatigue strength

TECHNICAL DATA:

Property	Value
Tensile Strength	≥600 MPa
Modulus of Elasticity	3.45 GPa
Diameter	25-40µm
Melting Point	160°C
Density	0.91 g/cm³
Length	2-50 mm
Acid & Alkali Resistance	Excellent
Alkali Resistance	Excellent

DOSAGE:

Dosage is dependent on the application and regular dosage rate of 0.65 kg to 5 kg per cubic meter.

SIZE OF PACKAGE

CCI StrandZ MSF 450 fibers can be packaged into 2.5kg or 5kg paper box.

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