

Application Areas



UNDERGROUND

Mining & Shotcrete



INDUSTRIAL

Industrial Flooring



PRECAST

Concrete

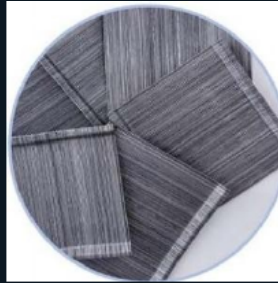


INFRASTRUCTURE

Roads & Bridges

BOUNDLESS ARK

Concrete Fiber Reinforcement Solutions



Supply to Specification

Steel Fiber • Macro Synthetic Fiber • PP Fiber

Selection Support • Packing • Export Coordination

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International trade and supply coordination from China

CONCRETE FIBER

QUICK PRODUCT LIST



STEEL FIBER • SYNTHETIC FIBER • PP FIBER

Quick selection for mining, shotcrete, industrial flooring and precast applications.

Why Use Fibers

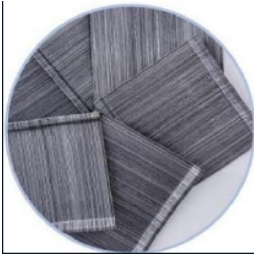
- Crack Control & Improved Toughness
- Improved Impact & Fatigue Resistance
- Flexible Reinforcement Selection
- Total Project Cost Optimization

Fiber-reinforced concrete Plain concrete



2026

GLUED STEEL FIBER



Water-soluble adhesive keeps fibers bundled for handling and disperses during concrete mixing.

Typical applications: shotcrete, industrial floors, precast and structural concrete.

Model	Ø mm	L mm	L/D	Tensile Strength
J-65/60	0.92	60	65	>1100
J-80/60	0.75	60	80	>1100
J-65/50	0.77	50	65	>1100
J-65/35	0.54	35	65	>1100
J-45/35	0.77	35	45	>1100

Tensile Strength: MPa | Custom specifications available

LOOSE HOOKED-END STEEL FIBER



Loose hooked-end fibers provide mechanical anchorage where high toughness and crack control are required.

Typical applications: underground works, shotcrete, slabs and precast.

Model	Ø mm	L mm	L/D	Tensile Strength
J-50/50	1.00	50	50	≥1000
J-80/60	0.75	60	80	≥1000
J-65/50	0.77	50	65	≥1000
J-45/35	0.77	35	45	≥1000
J-60/30	0.50	30	60	≥1000

Tensile Strength: MPa | Multiple lengths and aspect ratios

SYNTHETIC & PP FIBERS

MACRO SYNTHETIC FIBER



Parameter	Value
Length	30 / 40 / 50 / 60 mm
Equivalent Diameter	0.2 - 1.5 mm
Tensile Strength	≥450 MPa
Elastic Modulus	≥5500 MPa

A reinforcement alternative where corrosion resistance, handling and dispersion are important.

PP MICROFIBER / MESH



Parameter	Value
Equivalent Diameter	100 µm
Length	12 / 19 / 24 / 30 mm
Tensile Strength	≥460 MPa
Acid/Alkali Resistance	≥95%

For crack control, durability and concrete / mortar applications.

MORE OPTIONS



CUT / CRIMPED
STEEL FIBER



MILLED STEEL
FIBER



COPPER-COATED
STEEL
MICROFIBER

CUSTOM SPECIFICATIONS

Length • Diameter • Tensile Strength •
Packing

Send us your current fiber, dosage and project application. We can help you compare suitable alternatives.

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