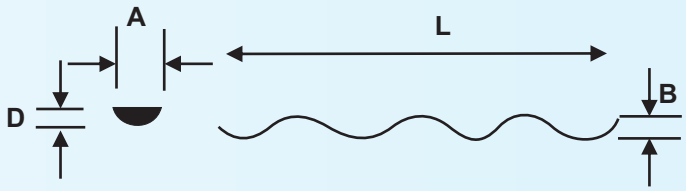
FLOORINGS

STEEL FIBRE

GEOMETRY

PREMIX FLAT CRIMPED STEEL FIBER



D = 1.00mm - 1.5mm
L= 50.00mm
A = 2.30mm to 2.7mm
B = 2.00mm to 2.50mm

FEATURES & BENEFITS

✦ Provides uniform multi-directional concrete reinforcement. ✦ Increase crack resistence, ductility, energy absorption or toughness of concrete. ✦ Improves impact resistence, fatigue endurance and shear strength of concrete. ✦ High tensile strength fibre bridging joints and cracks to provide tighter aggregate interlock resulting in increased load carrying capacity. ✦ Provides increased ultimate load bearing capacity which allows possible reduction of concrete section. ✦ Require less labour to incorporate into concrete than conventional reinforcement. ✦ Offers economical concrete reinforcement solution with greater project scheduling accuracy. ✦ Ideally suited for hand or vibratory screeds, laser screeds and all conventional finishing equipment.

PRIMARY APPLICATIONS

✦ Ground Supported Slabs ✦ Suspended ground slabs ✦ Jointless Floors ✦ Precast
✦ External roads & pavements ✦ Overlays ✦ Walls ✦ Blast-resistant concrete

COMPLIANCE

✦ Conforms to ASTM A820/A820M-04, Type V cold drawn wire
✦ Testing conforms with ASTM C 1116, ASTM C1018 and JCI Sf4

PHYSICAL PROPERTIES

Fibre Length	50mm
Fibre Diameter	1.00mm - 1.5mm
Aspect Ratio	50
Tensile Strength	1000N/mm^2
Deformation	Continuously deformed
Appearance	Bright and clean wire

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