



PRIMARY APPLICATIONS

- Commercial and Industrial Slabs on Ground
- Housing Colony, Parking Bays
- Composite Metal Decks
- Overlays
- Highway Pavements
- Hydrodynamic Structures
- Machine Foundations
- Precast

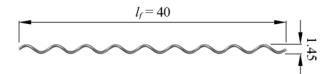
Technical Data Sheet
STEEL FIBRE FLAT 50
Type Loose

TYPE : FLAT 50 Mild Steel Creamp Flat



MECHANICAL PROPERTIES

- Length : 50 mm
- Average Equivalent Diameter : 0.75 mm
- Aspect Ratio : Nil
- Tensile Strength : 800 mPa
- Tolerance for diameter & length : (+) 10% (As per ASTM)
- Classification : Type I, Cold Drawn Wire and Type V modified cold drain wire



Spirally deformed fibre (SD-9-1.45-0.4-40), $d_f = 0.40$ mm

Chemical Composition (% by Weight) for Mild Steel Wire

C	: 0.125	Mn	: 0.760
Si	: 0.235	P	: 0.032
S	: 0.006		

SHAPE

The Geometric shapes of Flat 50 Steel Fibre are important to grant adhesion between Fibre and concrete

Mixing :

Flat 50 Steel Fibre to be added before or during batching of Concrete. Steel Fibre reinforced Shotcrete confirm to ASTM C94 standard specification for ready-mixed concrete. ASTM C 1116 and ASTM C1018.

Packing : 25 Kg, customized

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