



company dedicated to delivering high-quality chemical solutions to meet the diverse needs of industries worldwide. Established with a commitment to excellence, Surya Min Chem Pvt. Ltd. has rapidly grown into a trusted name in the chemical manufacturing and distribution sector. Quality is nonnegotiable at Surya Min Chem Pvt. Ltd. Our manufacturing processes adhere to rigorous quality control measures, and our products undergo thorough testing to guarantee their reliability and safety. We are the leading Wholesale Trader, Manufacturer, Exporter and Importer of a wide range of Industrial Chemicals, Titanium Dioxide, Hydrocarbon Resin, etc. Our offered products are formulated using excellent quality ingredients that we source from some of the coveted vendors of the market. All these products are thoroughly examined by our team of quality analyzers on varied parameters. We are required to formulate an

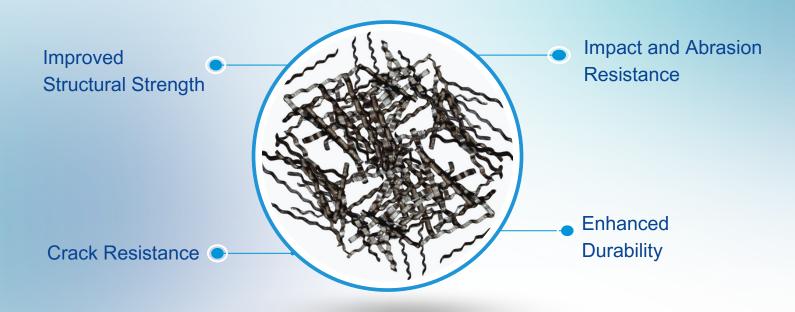
Pharmaceuticals, Agrochemicals, Dyes, Pigments, Ink, Paint, Coating and Road Marking. Recognizing the importance of environmental responsibility, Surya Min Chem Pvt. Ltd. integrates sustainable practices into its operations. We are dedicated to minimizing our environmental footprint while contributing positively to the communities we serve.





NEW PRODUCT

SMC/CSF0110 CRIMPED STEEL FIBER FLAT END is low carbon. Cold drawn steel fiber designed to provide concrete with temperature and shrinkage crack control, Impact resistance, microstructure and digital image processing on self- compacting concrete.





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SMC CRIMPED STEEL FIBER SMC/CSF0110

Introduction

SMC/CSF0110 CRIMPED STEEL FIBER FLAT

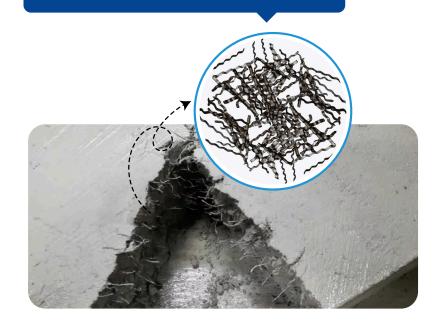
END is low carbon, Cold drawn steel fiber designed to provide concrete with temperature and shrinkage crack control, Impact resistance, microstructure and digital image processing on self- compacting concrete. enhanced flexure reinforcement improved shear strength and increase the crack resistance of concrete. It is a reliable and cost efficient concrete rainforcement.

Features

- Improved Structural Strength
- Crack Resistance
- Impact and Abrasion Resistance
- Enhanced Durability
- Cost Efficiency



CRIMPED STEEL FIBER



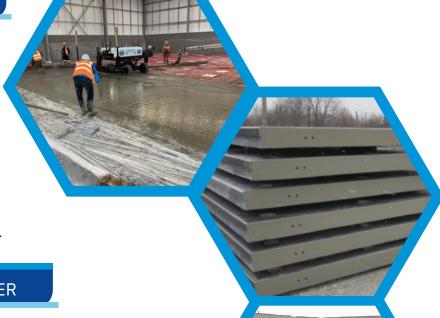
Technical specification

Material	Low carbon cold drawn steel wire
Fe Contant	99.679%
Ca	0.238%
Maximum Tensil Strength	850 Mpa (Minimum)
Fiber Length	25mm-75mm
Equivalent Diameter	0.5mm (Average)
Aspect ratio	100 (Average)
Deformation	Continuously deformed circular segment
Appearance	Bright & Clean



USE IN APPLICAION

- Bridge decks, overlays
- pavements of road
- Precast concrete applications
- Shotcrete
- Tunnel linings
- Slope stabilization
- · Mass concrete
- Composite deck construction
- Commercial and industrial slabs on ground.



VARIES WITH DOSING OF STEEL FIBER

PHYSICAL PROPERTY	BENEFICIAL EFFECT
Modulus of rupture	1 To 2 x Plain Concrete
Shear strength	1.25 To 2 x Plain Concrete
Torsional Strength	1 .25 To 2 x Plain Concrete
Impact energy absorption	2 To 15 x Plain Concrete
Fatigue resistance	1.2 To 2 x Plain Concrete
Erosion resistance	1 To 1.4 x Plain Concrete
Restrainde Shrinkage Crack	Reduced Crack Width
Corrosion resistance	No Corrosion Observed

DIRECTIONS OF USE

- Crimped Steel Fiber can be added to the concrete mixture at any time prior to placement of the concrete. It is generally recommended to add any fiber material at the ready-mix concrete plant during batching.
- The actual dosage rate will vary depending upon the application and performance requirements for each project.
- Fibers must be mixed with concrete for a minimum of four (4) to five (5) minutes at maximum mixing speed or approximately 60-70 revolutions, depending on the mixer type, to ensure complete dispersion and uniformity.
- The addition of Crimped Steel Fiber, at provided dosage rates, will decrease the measured slump of concrete; however, additional water should not be added.
- The use of water reducers and/or superplasticizers, such as the Eucon series or the Plastol series of admixtures may be necessary to maintain desired workability.
- Add other admixtures independently from fiber addition



Warehouse-3: NO.27, Paruthipet, Avadi,

Warehouse-4: SICK LINE No.8 Dock Gate Srikant Yadav Math, Khidderpore, Kolkata 700023

Warehouse-5: G-1/85, RIICO Industrial Area,

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