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FLAT CRIMPED STEEL FIBER

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STEEL FIBER

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Vajra Shakti Flat Crimped Steel fiber (FCSF-6550) is low carbon & cold drawn steel wire fiber, it is a reliable, cost-efficient concrete reinforcement which provides temperature & shrinkage crack control, enhanced flexural reinforcement, improved shear strength and increase the crack resistance of concrete. It is designed to be easy to mix, place and finish. FCSF-6550 complies with Standard Specification for Fiber Reinforced Concrete and Shotcrete and ASTM A820, Type I, Standard Specification for Steel Fibers for Fiber Reinforced Concrete.

Applications

- · Commercial and industrial slabs on ground
- · Bridge decks, overlays and pavements
- Precast concrete applications
- · Shotcrete, tunnel linings and slope stabilization
- · Mass concrete and composite deck construction

Advantage

- · Increases impact, shatter and abrasion resistance of concrete
- · Provides three-dimensional reinforcement against macro-cracking
- · Increases overall durability, fatigue resistance and flexural toughness
- · Reduction of unit in-place cost versus wire mesh for temperature / shrinkage crack control
- · Reduces segregation, plastic settlement, and shrinkage cracking of concrete

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