

SD INTEGRATED CONCRETE REINFORCING SYSTEM

SD STEEL - SD CUT LENGTHS - COILS - SIDEFIT - SD STIRRUP MESH - SD WIRE MESH - SIDEFOR - STEEL FIBERS - LATTICE GIRDERS

TECHNICAL SPECIFICATIONS

PRODUCT:

Steel Fibers

MATERIAL:

Cold drawn steel wire of high strength min 1,100 MPa

TYPE:

- Straight hooked-end fibers
- Undulated fibers

DIMENSIONS:

Length 20-60mm
Diameter 0,75-1,00mm

PACKING:

- Paper bags of 20-30kg on pallets of approx. 1,000kg
- Bigs Bags of approx. 1,000kg

STANDARDS & QUALITY CERTIFICATIONS:

ASTM A820 TYPE 1
EN 10016

STEEL FIBERS INOMIX



LOOSE STEEL FIBERS

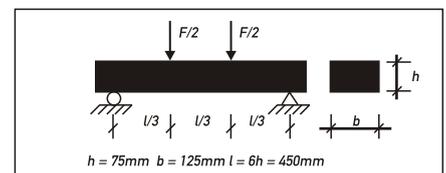
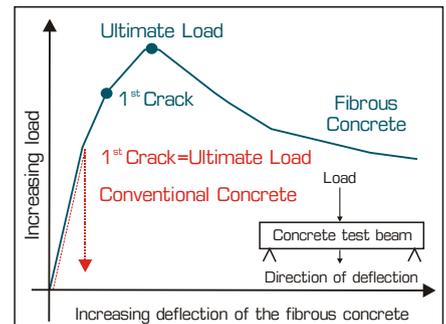


GLUED STEEL FIBERS

FIBER FUNCTION IN THE CONCRETE

Steel fibers are part of the SD Integrated Concrete Reinforcing System. They are produced in a wide range of dimensions and cover all the possible applications of the market (shotcrete for tunnels, slabs on grade, industrial floors).

The fibers act on grain size of the concrete, add workability and provide three dimensional reinforcement. The fiber's presence increases the total absorption of mechanical energy and provides the continuous and smooth deformation of the concrete.



SALES NETWORK

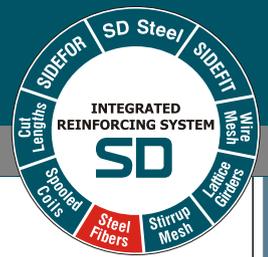
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APPLICATIONS



INDUSTRIAL FLOOR



SHOTCRETE



HARBOUR

CHARACTERISTICS OF FIBER REINFORCED CONCRETE

- Increased bending strength
- Crack control
- Increased impact strength
- Improved resistance in high temperatures
- Improved resistance to splitting and shattering
- Improved toughness
- Improved compression strength after the first crack
- Low maintenance cost and prolonged construction usage