



Technical data sheet

High Performance Steel fibers ZS/5



Steel fibers reinforcement is widely used as the main and unique reinforcing for industrial concrete floor slabs, shotcrete, prefabricated concrete products, slabs on piles, tunnel segments, concrete cellars, foundation slabs, and shear reinforcement in prestressed elements.

Designation	Length (mm)	Diameter (mm)	Aspect ratio L/d	Cross section	Tensile strength of drawn wire
ZS/5 0.75x50	50 ± 5%	0.75 ± 5%	67	round	1100-1400 N/mm ²
ZS/5 0.90x50	50 ± 5%	0.90 ± 5%	56	round	1100-1400 N/mm ²
ZS/5 1.00x50	50 ± 5%	0.90 ± 5%	50	round	1100-1400 N/mm ²

**other lengths available per request*

DOSAGE

Recommended dosage of steel fiber is 25 kg per 1m³ of concrete for 0,5 CMOD.

PACKING

Steel fibers are available in paper sacks of 20 kg. Pallet weight 1000 kg or 2000 kg. Palettes are wrapped in PVC foil.

COMPLIANCE

Steel fibers conform to EN 14889-1:2006.

Product certificated by Tsus, certificate No. 1301 – CPR- 0662

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