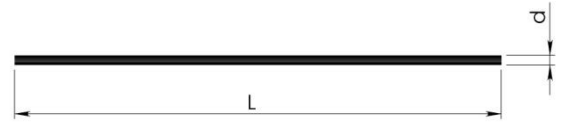


Technical data sheet

Micro fiber



Micro fibers are filaments of steel wire for reinforcement of concrete and mortar. For manufacturing micro fibers are using wires of different diameters cut to lengths.

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.

Steel fibers improve the mechanical properties concrete and materials such as ductility, durability, energy absorption, fatigue, and toughness. This fiber helps to controls plastic shrinkage cracking in concrete; helps reduce or eliminate need for conventional reinforcement.

Designation	Length (mm)	Diameter (mm)	Aspect ratio L/d	Cross section	Tensile strength of drawn wire
SA/M 0.17x12	12	0.17	70	Round	$\geq 2100 \text{ N/mm}^2$
SA/M 0.22x6	6	0.22	27	Round	$\geq 2100 \text{ N/mm}^2$
SA/M 0.22x13	13	0.22	59	Round	$\geq 2100 \text{ N/mm}^2$
SA/M 0.30x12.5	12.5	0.30	41	Round	$\geq 2100 \text{ N/mm}^2$
SA/M 0.30x25	25	0.30	83	Round	$\geq 2100 \text{ N/mm}^2$
SA/M 0.4x12.5	12.5	0.40	31	Round	$\geq 2100 \text{ N/mm}^2$

**other lengths available per request*

DOSAGE

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

PACKING AND STORAGE

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

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