



HUMIX[®] 50

HUMIX[®] 50 Steel fibre for concrete reinforcement

The HUMIX[®] 50 fibres are filaments of cold drawn wires, cut to length with hooked ends, for reinforcement of concrete, mortar and other composite materials.

FIELDS OF USE:

- Industrial floors
- Outdoor concrete slabs
- Concrete walls
- Prefabricated segments
- Dry mortars

TECHNICAL DATA:

- Geometry:
 - Length: L = 50 mm
(+/- 5,00 mm)
 - Diameter: D = 1,00 mm
(+/- 0,10 mm)
 - Aspect ratio: L/D = 50
 - Coatings: none
 - Tensile strength: 1000 - 1200 N/mm²
 - Nominal tensile strength: 1150 N/mm²

STEEL FIBRE FOR CONCRETE REINFORCEMENT:

- Minimum dosage: 20 kg/m³ (ask for proper design)

HUMIX[®] 50 FIBRE ADDING:

- It is recommended to use it in a central batching plant mixer.
- The bags of the fibre are non degradable and have to be applied properly.
- Never add fibres as first component to the mixer.
- Better to add it with aggregates or freshly mixed concrete.

HUMIX[®] 50 FIBRE ADDING INTO TRUCK MIXER:

- Add fibres into the mixer at drum speed of 12-16 rpm.
- Add fibres with max. speed of 50 kg / minute
- Have to mix it properly to achieve the best quality
- After adding the fibres continue mixing at the highest speed for 6-8 min.

STORAGE:

In dry place, in unopened and original package.

PACKAGING

HUMIX[®] 50 is supplied in 20 kg carton boxes or in 50 kg carton boxes on a pallet, total weight of 1000 kg.