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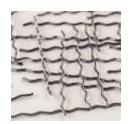
Technical Leaflet

Steel reinforcement fibre

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Art.-Nr. 029-03-01-2312 bis 2313

- · Evenly distributed reinforcement
- Less cracking
- Lower transport costs
- Screeds and levelling compounds
- ThermoDyn Granules
- · Simple admixture



General description:

The structural steel fibres can completely replace the classical reinforcing steel or the reinforcing steel mesh in any ground level construction.

This is the best known type of fibre for concrete reinforcement used throughout Europe.

FORM: The surface of the wire must be smooth, without visible cracks, chips or cavities.

Technical Data:

Type: Steel reinforcing fibre
Longth: 20 and 50 mm

Length: 30 and 50 mmDiameter: D 1.05 mm

Tensile strength Rm: 1100 N/mm2

DIN: EN 14889-1 / 2007To prevent cracking

Recommended dosage: 5 kg/m3

Contents: 200g bag for 25kg bag of cement

Technical properties:

Gives the concrete a homogeneous mouldability, increases the elasticity of the concrete and as a final effect increases the loading capacity of the concrete elements.

- Reduces the possibility of cracks on the surface;
- · Increases the separation strength of the surface;
- Increases the time and impact resistance of the floor;
- Increases the strength of the floors also in case of temperature changes and thermal shock;
- Logistics delivery is cheaper, due to the smaller amount of steel required;
- · Processing faster and easier reinforcement,
- because the fibres are mixed directly into the concrete.

Delivery form::

Fibre length-Längen: 30 / 50 mm

Consumption: 200 g Bag für 25 kg/Bag

Advantages:

- Cost saving
- Uniformly distributed reinforcement every cubic centimetre of concrete is reinforced
- Transport the total weight of the reinforcement material is significantly reduced
- Time the reinforcement is simply added by mixing the fibres into the concrete
- Improves the physical properties of the concrete:
- controls the plastic contraction of the concrete during curing
- reduces thermal contraction and expansion of the concrete
- reduces cracking
- produces a homogeneous and easy-to-pour concrete with increased elasticity
- increases the load-bearing capacity and impact strength of the floor
- increases the strength of the floors even in the event of temperature fluctuations and thermal shock

Application:

- Industrial floors
- Tunnel constructions
- Earthquake-proof buildings
- Bridge construction
- Maritime structures
- Loading ramps
- Precast concrete
- Car parks
- Roads
- Runways

Processing:

The fibres are added to the concrete either in the concrete mixing plant or directly in the concrete mixer.

Recommendation: 200 g bag for 25 kg bag of cement.

The rights of the buyer with regard to the quality of our materials are governed by our terms and conditions of sale and delivery. For requirements that go beyond the scope of the application described here, our technical advisory service is available to you. These then require legally binding written confirmation in order to be binding. The product description does not release the user from his duty of care. In case of doubt, sample surfaces should be applied. The publication of a new version of the brochure renders it invalid.

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