

MPZG HT+ 35/0.55

■ PRODUCT DESCRIPTION

The MPZG HT+ 35/0.55 is a hooked-end steel fibre manufactured from high-grade, high-tensile steel. These fibres provide effective crack bridging, increase the toughness and residual strength of concrete, and improve resistance to loads and wear. This significantly strengthens the durability and structural performance of concrete.

The MPZG HT 35/0.55 is widely used as a (partial) replacement for traditional reinforcement in floors and structures. This steel fibre can be regarded as a fully-fledged alternative and counterpart to the Dramix 3D steel fibre, achieving comparable performance and applications.

■ MECHANICAL PROPERTIES

- High tensile strength
- Increased toughness
- Crack control
- Improved impact and fatigue resistance

■ APPLICATIONS

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|---|---------------------------------|
| ■ Piled concrete floors | ■ Cast-in-situ foundation beams |
| ■ Heavily loaded ground-bearing concrete floors (low-joint) | ■ Wind turbine foundations |
| ■ Hybrid concrete structures | ■ Infrastructure applications |
| | ■ Crack control |

■ STRUCTURAL PROPERTIES

- Improved flexural strength
- Residual strength after cracking
- Partial replacement of reinforcement

■ PACKAGING

- 20 kg – 25 kg bags

■ DOSAGE

Depending on the application, various concrete dosages apply: 10 to 35 kg per cubic metre of concrete.

■ PRODUCT INFORMATION

Type	Drawn, hooked-end steel fibre
Tensile strength	1345 N/mm ² ± 7.5%
Modulus of elasticity	200,000 mps ± 15%
Length	35 mm ± 5%
Diameter	0.55 mm
Fibres per kg	± 14,500 kg
Shape	Glued
Approval	In accordance with EN 14889-1

WOULD YOU LIKE MORE INFORMATION? PLEASE GET IN TOUCH

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