

MPWG HT+ 50/0.90

■ PRODUCT DESCRIPTION

The MPWG HT+ 50/0.90 is a hooked-end steel fibre manufactured from high-quality, high-tensile steel. These fibres provide effective crack bridging, increase the toughness and residual strength of concrete, and improve resistance to loads and abrasion. This significantly strengthens the durability and structural performance of concrete.

The MPZG HT 60/0.55 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 4D steel fibre, achieving comparable performance and applications.

■ MECHANICAL PROPERTIES

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

■ APPLICATIONS

- Pile-supported concrete floors
- Heavily loaded ground-bearing concrete floors (joint-free)
- Hybrid concrete structures
- Cast-in-place foundation beams
- Wind turbine foundations
- Infrastructure applications
- Crack control

■ STRUCTURAL PROPERTIES

- Improved flexural strength
- Residual strength after crack formation
- Partial replacement of reinforcement

■ PACKAGING

- 20 kg bags

■ DOSAGE

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

■ PRODUCT INFORMATION

Type	Cold-drawn hooked-end steel fibre
Tensile strength	2100 N/mm ² ± 7.5%
Length	50 mm ± 5%
Diameter	0.90 mm
Performance class	56
Fibres per kg	± 3400 kg
Form	Glued
Approval	In accordance with EN 14889-1

WOULD YOU LIKE MORE INFORMATION? PLEASE GET IN TOUCH

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