

MasterFiber[®] 150

Macro structural synthetic polypropylene fibre

DESCRIPTION

MasterFiber 150 is a macro structural synthetic polypropylene fibre which generates a very high energy absorption rate when used in the matrix for shotcreting, enabling the concrete to provide greater flexural toughness.

RECOMMENDED USES

- Shotcrete
- Pre-cast concrete
- Concrete slabs on ground

FEATURES AND BENEFITS

- Non-corrosive — making it an excellent reinforcing in harsh environments
- Generates a very high energy absorption rates when used in the concrete mix for shotcreting, enabling the matrix to provide greater flexural toughness
- Uniquely designed and packaged allowing to be evenly dispersed through the matrix, ensuring that no balling or pumping problems occur.

PACKAGING

MasterFiber 150 is available in 5 kg boxes fibres wrapped in water soluble plastic pucks (parallel packed) in biodegradable boxes.

TYPICAL PROPERTIES

Material	100% virgin polypropylene
Grade	hp565 k
Melt flow	3.5
Specific Gravity	0.92
Melt point	170°C
Fibre length Width	65mm 1.6825mm
Mean Thickness	0.4822
Mean Strength	580 + MPa min
Alkali Resistance Fibre	Excellent
Type	Embossed 530+
Grasp Force between the fibre and cement	MPa
Colour	Grey Low
Electrical Conductivity	0.0%
Moisture Content	36,000 t 1,000
Fibres per kg	

APPLICATION PROCEDURE

The recommended dosage rate of **MasterFiber 150** is 5-9 kg/m³. Entire packages are thrown into the mix allowing for easy handling leaving no waste on site. Allow 3 to 5 minutes at mixing speed for fibres to disperse evenly throughout matrix. **MasterFiber 150** can be added to the mix at any stage during batching.

STORAGE

MasterFiber 150 should be stored uncovered and protect from the wether

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Reseal containers after use. For further information, refer to material safety data sheet.

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NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Master Builders Solutions representative.

Master Builders Solutions reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE

All products manufactured by Master Builders Solutions Egypt, or imported from Master Builders Solutions affiliate companies world- wide, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems described in the ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 standards.

* Properties listed are based on laboratory controlled tests.

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