

# MasterFiber 112

Fine Monofilament Polypropylene Fiber

## DESCRIPTION

**MasterFiber 112** is a fine mono-filament fiber which significantly reduce plastic shrinkage cracking and explosive spalling of concrete during fire.

## RECOMMENDED USES

- Shotcrete.
- Precast
- Slabs on ground

## FEATURES AND BENEFITS

- Enable binding of concrete in the early curing stages to maximizing crack control
- Significantly reducing any increase in moisture pressure with the concrete structure during fire
- Uniquely designed and packaged allowing to be evenly dispersed through the matrix, ensuring that no balling or pumping problems occur.

## TECHNICAL DATA

Material	Polypropylene 9003-07-0>99
Grade	Hp555k
Odor	Odorless
Specific Gravity	0.91
Melt point	150°-170°C
Viscosity	>100PaS at 170°C 1001/s
Fiber length	12 mm
Alkali Resistance	Excellent
Colour	Milky White
Electrical Conductivity	Low
Moisture Content	0.0%
Fibers per kg	110 million fibers

## APPLICATION

The recommended dosage rate of **MasterFiber<sup>®</sup> 112** is 0.9-2.0kg/m<sup>3</sup>. 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 fibers to disperse evenly throughout matrix. **MasterFiber<sup>®</sup> 112** can be added to the mix at any stage during batching

## PACKAGING

**MasterFiber 112** is available in various packaging depending on the application requirement – fibers wrapped in water soluble plastic pucks (parallel packed) in biodegradable boxes.

## STORAGE

**MasterFiber<sup>®</sup> 112** should be stored undercover and protected from the weather.

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**STATEMENT OF  
RESPONSIBILITY**

The technical information and application advice given in this Master Builders Solutions publication is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by commonwealth or State legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

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**NOTE**

Field service where provided, does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions are responsible for carrying out procedures appropriate to a specific application.

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**Master Builders Solutions Hong Kong Limited**  
Unit 2, 20/F, EW International Tower, 120-124 Texaco  
Road, Tsuen Wan, New Territories, Hong Kong.

Tel: (852) 2408 4400  
Fax: (852) 2408 4401