

# MEYCO<sup>®</sup> FIB SP 65

Macro structural synthetic polypropylene fibre

## DESCRIPTION

**MEYCO FIB SP 65** 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 FOR

- 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.**

## TECHNICAL DATA

Material	100% virgin polypropylene
Grade	hp565k
Melt flow	3.5
Specific Gravity	0.92
Melt point	170°C
Fibre length	65mm
Width Mean	1.6825mm
Thickness Mean	0.4822
Strength	580 + MPa min
Alkali Resistance	Excellent
Fibre Type	Embossed
Grasp Force between the fibre and cement	530+ MPa
Colour	Grey
Electrical Conductivity	Low
Moisture Content	0.0%
Fibres per kg	36,000 ± 1,000

The recommended dosage rate of **MEYCO FIB SP 65** is 5-9kg/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 fibres to disperse evenly throughout matrix. **MEYCO FIB SP 65** can be added to the mix at any stage during batching.

## PACKAGING

**MEYCO FIB SP 65** is available in 5kg boxes – fibres wrapped in water soluble plastic pucks (parallel packed) in biodegradable boxes.

## STORAGE

**MEYCO FIB SP 65** should be stored undercover and protected from the weather.

## PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF **Material Safety Data Sheet (MSDS)** from our office or our website.

## APPLICATION



The Chemical Company

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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF** publication are 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 law. The user is responsible for checking the suitability of products for their intended use.

## NOTE

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

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