

POLYEX MICRO 12mm fibre

Monofilament Polypropylene Fibre

DESCRIPTION

Polyex Micro 12mm fibre is a 100% virgin polypropylene fibre specifically engineered for use in concrete and sand/cement screeds.

APPLICATIONS

Polyex Micro 12mm fibre is used to control plastic shrinkage and settlement cracking. **Polyex Micro 12mm** is the ideal choice to control microcracking at early ages, this secondary multi directional reinforcement restricts the plastic shrinkage cracking improving fatigue resistance and concrete toughness.

BENEFITS

- Plastic shrinkage control.
- Reduced freeze-thaw effects.
- Improved fatigue resistance.
- Reduced plastic settlement.
- Improved durability.
- Reduced bleeding.
- Reduced shrinkage.
- Improved fire resistance.

PROPERTIES

Nature:	Monofilament fibre
Appearance:	White
Specific Gravity:	0.91 g/cm ³
Fibre Length:	12mm
Absorption:	Nil
Chemical Resistance:	High
Tensile Strength:	300—400 MPa
Melting Point:	160—170°C

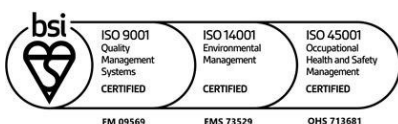
ADDITION RATES

Dosage rates will be dependant on mix design, process, types of aggregates and the desired effect, but typically:

1 x 600g bag per cubic metre

STANDARDS

Polyex Micro 12mm complies with the requirements of BSEN 14889-2:2006.



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COMPATIBILITY

Polyex Micro 12mm fibre is compatible with all types of EN 197 cement systems and offers a wide range of benefits particularly in the production of sand/cement screed.

STORAGE

Store the product in a dry environment, moisture ingress will cause the water soluble bags to degrade.

HANDLING

Please refer to the **Polyex Micro 12mm** fibre Material Safety Data Sheet but in line with normal handling procedures, personal protective equipment should be worn.

PACKAGING

Polyex Micro 12mm fibre is supplied in 600 gram water soluble bags, 20 bags per box/54 boxes per pallet.

Disclaimer

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.

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PDS 8207 Rev 03 02/01/2024

