



RDM.0221

## READYMESH PM-060

Multi-filament fibre 6 mm for  
lime based plaster, cement or  
mixed

### Customs Code

5503 4000

### Packaging

- Hydro degradable bag 1 kg
- Box: 12 x (Hydro degradable bag 1 kg)

### Application

- To be added to other components

Family  
**ReadyMesh**

Product Lines

- Opus
- Floor

Components  
**Single-component**

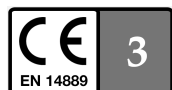
Type  
**Synthetic fibres for concrete**

Functional Categories

- **Improvement of mechanical and/or rheological performance of newly manufactured mortars, plasters and concretes**
- **Manufacturing plasters and mortars**
- **Construction of subbase and self-leveling screeds**

Appearance  
**Fibers**

## Certifications and legislations



**EN 14889-2:2006 (System 3)**

Fibres for concrete. Polymer fibres. Definitions, specifications and conformity.

## General description

READYMESH PM-060 is an auxiliary, multi-filament polypropylene micro-fibre, 6 mm long, suitable for addition to cement conglomerates with a lime or mixed base. The addition of READYMESH PM-060 to the mix counters the cracking phenomenon due to plastic shrinkage of the plaster, mortar, screed or concrete, as well as having positive effects on the durability of the mix, resistance to frost/defrosting and resistance to knocks and overall impermeability.


## Dosage

Variable according to the type of work to be carried out (screeds, plasters, mortars), on average from 0.6 to 1.5 kg per cubic metre of cement or hydraulic lime based conglomerate.


## Fields of application

READYMESH PM-060 is an auxiliary fibre used in a multitude of application fields, where three-dimensional reinforcement and diffusion of the cement conglomerate and/or lime base is required. It is a particularly indicated fibre for addition to small manufactured works or for plaster, even in small thickness and with reduced granulometry inerts.

## Basic features


 Density:  
0.91 g/cm<sup>3</sup>

 Diameter:  
0.035 mm

 Length:  
6.0 mm

 Nonflammable

 Unlimited shelf-life

 Available colours  
White

## Technical specifications

*Auto-ignition temperature:* > 400 °C

*Effects on the consistency of fresh concrete (Vebè) (UNI EN 1.0 s 14845-1):*

*Flash-point (ASTM D 1929):* 350 °C

*Longitudinal elongation at break:* 28 %

*Non-toxic material*

*Softening point:* 160 - 170 °C

*Tenacity (UNI EN 10002-1):* 22.71 cN/tex

*Unit weight:* 8.75 dTex

IF YOU WANT TO SOLVE IT  


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Updated: **24/08/2020**

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## Applicable on

Plasters, Concrete, Cement-based or lime-based mortars, Floor screed

## Instructions for use

Add the fibres to the conglomerate during mixing. Mix, with the drum of the cement mixer at full speed, for at least 5-6 minutes. The dosage, based on use, is normally between 600 g/m<sup>3</sup> and 1.5 kg/m<sup>3</sup>. On average, 250 g of fibres per 200 litre building site cement mixer.

## Storage and preservation

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Protect from humidity.



## Warnings, Precautions and Ecology

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge.

Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage.

Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: [www.azichem.com](http://www.azichem.com). The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: [www.azichem.com](http://www.azichem.com).

It is forbidden to dispose of the product and/or packaging in the environment.

The addition of fibres could slightly modify the rheology of the cement mix.



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*READYMESHPM-060 is produced/distributed by*



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