



Family  
**Readymesh**

Product Lines  
• Building  
• Infratech  
• Opus

Components  
**Single-component**

Type  
**Brass-plated steel micro-fibers for cement conglomerates**

Functional Categories  
• Block repair of concrete works with free-flowing mortars  
• Improvement of mechanical and/or rheological performance of newly manufactured mortars, plasters and concretes

Appearance  
**Fibers**

RDM.0290

## READYMESH MR-200

Brass-plated micro-fibres for structural cement conglomerates

### Customs Code

7326 2000

### Packaging

- Bag 20 kg
- Pallet: 50 x (Bag 20 kg)

### Application

- To be added to other components

## General description

Brass-plated steel micro-fibres, obtained by cutting metal wire, for structural reinforcement of cement-based conglomerates in general. READYMESH MR-200 is a very thin brass-plated steel wire with a diameter of 0.22 mm and a length of 20 mm, mainly used for reinforcing concrete and high-performance mortars.

## General features

The addition of READYMESH MR-200 improves the mechanical properties of the conglomerate in terms of ductility, mechanical performance, energy absorption, toughness, fatigue and wear resistance. They also help control the plastic shrinkage in the conglomerate (cracking) and reduce or eliminate the need for conventional reinforcements such as electro-welded meshes.


## Dosage


Variable according to the type of work to be carried out and/or performance to be achieved.

## Fields of application

The READYMESH MR-200 micro-fibres are widely used as main and unique reinforcement for low thickness structural mortars, sprayed plasters and concretes (shotcrete, spritz-beton), precast concrete products.

## Basic features


 Diameter:  
0.22 ± 5% mm

 Length:  
20 ± 5% mm

 Nonflammable

 Unlimited shelf-life

 Use wearing protective gloves

 Available colours  
Yellow Brass

## Technical specifications

*Alkali-resistant material*

*Breaking load longitudinal: >2400 MPa*

*Dimensional ratio L/d: 90 \_*

*Non-toxic material*

*Number of filaments: ~130000 nr/kg*



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## Applicable on

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

## Instructions for use

READYMESH MR-200 fibres will be added to the conglomerate during mixing in a gradual manner, avoiding immediate introduction of the whole quantity of fibre required. Having introduced the READYMESH MR-200 fibre, continue with mixing for at least another 3 minutes so that the distribution is uniform in the mixture.

## Storage and preservation

Avoid contact between the product and acid substances.



## 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.

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