



Family
Readymesh

Product Lines
• **Building**
• **Infratech**
• **Opus**

Components
Single-component

Type
Brass-plated steel microfibers

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

Brass-plated micro-fibres for structural cement conglomerates

Customs Code

7326 2000

Packaging

- MR-060 Bag 20 kg
- MR-200 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 is a very thin brass-plated steel wire with a diameter of 0.22 mm and a length of 6 or 20 mm, mainly used for reinforcing concrete and high-performance mortars. READYMESH MR are available in two different lengths: READYMESH MR-060 = 6 mm; READYMESH MR-200 = 20 mm

General features

The addition of READYMESH MR 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 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

 Nonflammable

 Unlimited shelf-life

 Use wearing protective gloves

 Available colours
Yellow Brass

Technical specifications

Alkali-resistant material
Breaking load longitudinal: >2400 MPa
Non-toxic material

Applicable on

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

IF YOU WANT TO SOLVE IT


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Instructions for use

READYMESH MR 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 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.



Technical characteristics of Azichem Srl READYMESH MR fibers:

Fiber model	READYMESH MR-060	READYMESH MR-200
Fiber length	6 mm	20 mm
Dimensional ratio	27	90
Number of filmanets	~435'000 nr/kg	~130'000 nr/kg

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. 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.

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



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READYMESH MR is produced/distributed by



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