



RDM.0219

READYMESH MM-150

15mm thin steel fibres

Customs Code

7326 2000

Packaging

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

Application

- To be added to other components

Family
Readymesh

Product Lines
• Building
• Floor

Components
Single-component

Type
Steel fibres for concrete

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

Appearance
Fibers

General description


Fibres, obtained by the cutting of steel wire, with improved adhesion profile, for three-dimensional general structural reinforcement of cement-based conglomerates. The addition of READYMESH MM-150 significantly increases the mechanical performance of the structure in terms of toughness, ductility, fatigue, dynamic stress, shock, wear, tensile and shear strength and even post-cracking and damage behaviour. READYMESH MM-150 are particularly recommended for increasing ductility, toughness and thermal conductivity in concrete coatings for floor heating systems.

Fields of application

General preparation of screeds, cements and fibre-reinforced concrete. Particularly recommended for compact prefabrications, thin concrete floorings and radiant floor heating systems.

Basic features


 Diameter:
0.75 mm

 Length:
15 mm

 Nonflammable

 Unlimited shelf-life

 Use wearing protective gloves

 Available colours
Steel

Technical specifications

Alkali-resistant material

Breaking load longitudinal: >1100 MPa

Non-toxic material

Number of filaments: ~50000 nr/kg

Applicable on

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

Instructions for use

"READYMESH MM-150 fibres must be added to the concrete during mixing. It is recommended to pour the fibres directly onto the loading belt of the concrete mixer during the loading of the aggregates. Alternatively, it is possible to add them directly into the mixer after loading the concrete or into the onsite mixer. In this case, extend the mixing time by at least one minute (after a minimum of 3 minutes) for every m³ of packaged concrete in order to achieve optimal distribution. If using a 200-litre onsite mixer, add the fibres immediately after loading part of the aggregates and before adding the remaining parts. The typical dosage of READYMESH MM-150 fibres varies from 15 to 30kg/m³.

Conglomerates with READYMESH MM-150 can be easily transported and used with pumps, joiners, vibratory finishing machines, roadway extruders (e.g. slipform paver), etc. These fibres are typically used in conglomerates that have an aggregate diameter not exceeding 10-15mm."



www.azichem.com

Updated: **24/08/2020**

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Storage and preservation

Avoid contact between the product and acid substances. 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. 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.

READYMESH MM-150 is produced/distributed by



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