

Readymesh MM-150

15mm thin steel fibres



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.

CUSTOMS CODE: 7326 2000

COMPONENTS: Single-component

APPEARANCE: Fibers

AVAILABLE COLORS: Steel

PACKAGING AND DIMENSIONS: Bag 20 kg - Pallet: 50 x (Bag 20 kg)

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.

ALLOWED SUPPORTS

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




MODE OF 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."

APPLICATION METHODS

To be added to other components

KEY FEATURES

-  Diameter: 0.75 mm
-  Nonflammable
-  Use wearing protective gloves

-  Length: 15 mm
-  Unlimited shelf-life

TECHNICAL SPECIFICATIONS

Alkali-resistant material

Breaking load longitudinal **>1100 MPa**

Non-toxic material

Number of filaments **~50000 nr/kg**

CONSUMPTION

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

STORAGE AND CONSERVATION

Avoid contact between the product and acid substances. Protect from humidity.

PHOTO GALLERY



ADDITIONAL CONTENT



Produced and distributed by **AZICHEM srl**
Via Giovanni Gentile, 16/A - 46044 Goito (MN), Italy
Tel: +39 0376.604185 / 604365
Fax: +39 0376 604398
www.azichem.com - info@azichem.com

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