



RNF.0285

ARMAGLASS INTOTECH 225

225 gr / m² alkali resistant
fiberglass mesh

Customs Code

7019 5900

Packaging

- Roll 50 m²

Application

- To be added to other
components



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Updated: 13/12/2021

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Family
Rinfor

Product Lines

- Aqua
- Building
- Infratech
- Opus
- Sanageb
- Floor

Components
Single-component

Type
Alkaline-resistant fiberglass meshes

Functional Categories

- Structural strengthening of masonry in historic buildings
- Osmotic waterproofing
- Repair and restoration of concrete structures with thixotropic mortars
- Block repair of concrete works with free-flowing mortars
- Construction of structural subbase screeds
- Construction of subbase and self-leveling screeds
- Structural reinforcement of brick, stone or mixed masonry and concrete products

Appearance
Net

Certifications and legislations



CHEMICAL RESISTANT

Chemical-resistant product

General description

A reinforcement mesh in alkali-resistant fiberglass weighing 225 g/m², with a 25 x 25 mm square mesh and thermosetting primer equal to about 10% of total weight. Easy and quick to apply, to handle and to cut. It combines lightness and thinness with excellent mechanical characteristics in the warp and weft. Resistant to atmospheric agents and aggressive environments. Suitable for any substrate and perfectly compatible with both cement- and lime-based mortars.


Dosage

1.1 m / m²: The adjacent sheets of fiberglass mesh must be overlapped along the edges by at least 10 cm.

Fields of application

ARMAGLASS INTOTECH 225 is a mesh used for the reinforcement of high thickness plasters and screeds, with a uniform absorption and redistribution function of mechanical stresses and shrinkage stresses. The mesh therefore performs an important anti-cracking function on plasters and screeds. It is the ideal plaster base for our products based on natural hydraulic lime: SANATIGH, SANAWARME, CALEOSANA, SANASCREED and for osmotic thickening waterproofing products OSMOCEM MR and OSMOCEM RD.

Basic features

 Length:
50 m


 Suitable for contact with drinking water


 Use wearing protective gloves

 Width:
100 cm

 Nonflammable

 Unlimited shelf-life

 UV-resistant

 Available colours
Black

Technical specifications

Dressed fabric weight (UNI 9311-4): 225 g/m²

Longitudinal elongation at break (UNI 9311-5): 3.20 %

Loss of calcination (UNI 8532): 20 - 25 %

Mesh size (UNI 9311-2): : 25 x 25 mm

Number of warp threads (UNI 9311-5): 40 _

Number of weft threads (UNI 9311-5): 40 _

Raw fabric weight (UNI 9311-4): 210 g/m²

Thickness (UNI 9311-3): 1.0 mm

Warp tensile strength (UNI 9311-5): 4000 N/5cm

Weft tensile strength (UNI 9311-5): 2500 N/5cm

Substrate preparation

To prepare the substrate, carefully follow what is indicated in the technical data sheets of the product with which the ARMAGLASS INTOTECH 225 mesh is combined. To facilitate collaboration with the support, ARMAGLASS INTOTECH 225 can be coupled and is perfectly compatible with any type of connector (in fiberglass, resin or metal).

Instructions for use

Application on masonry:

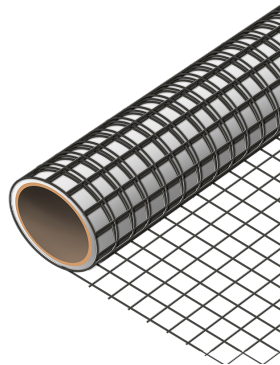
If the use of connectors is envisaged, proceed with the creation of holes of suitable diameter, depending on the selected connection system, arranged according to the design indications. Fix the connectors with anchoring resin (SYNTECH PROFIX or alternatively SYNTECH EPOXY 21) or grout based on hydraulic binders (GROUT CABLE or alternatively SANAFLEUENS). Apply a first layer of mortar (see technical data sheet of the chosen product), lay the ARMAGLASS INTOTECH 225 mesh on the still fresh mortar, taking care to guarantee at least 10 cm on the overlaps, lay the second layer of mortar.

Application on screeds:

Apply a first layer of screed (see technical data sheet of the chosen product), lay the ARMAGLASS INTOTECH 225 mesh partially drowning it on the first layer of still fresh screed, taking care to guarantee at least 10 cm on the overlaps, laying the second layer of screed.

Storage and preservation

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance.



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.

ARMAGLASS INTOTECH 225 is produced/distributed by



Via Giovanni Gentile, 16/A - 46044 Goito (MN), Italy
info@azichem.com Tel. +39 0376.604185 /604365 Fax +39 0376 604398



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