

RNF.0248

## ARMAGLASS CONNECTOR

GFRP connector diameter 8 mm

### Customs Code

7016 9070

### Packaging

- Ø 8 mm x 20 cm 1 unit
- Ø 8 mm x 50 cm 1 unit
- Ø 8 mm x 70 cm 1 unit

### Application

- Apply by hand

Family  
**Rinfor**

Type  
**Alkali-resistant fibreglass connectors**

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

Functional Categories  
• **Structural strengthening of masonry in historic buildings**  
• **Repair and restoration of concrete structures with thixotropic mortars**

Components  
**Single-component**

Appearance  
**Connector**

## Certifications and legislations



### CHEMICAL RESISTANT

Chemical-resistant product

## General description

Preformed connector in GFRP, with an 8-mm diameter and L-shape, where the short side measures 10 cm and the long side is available in three different sizes of 20, 50 and 70 cm. The surface bears improved adhesion thanks to the presence of quartz inert filler with a diameter of 0.8 mm embedded in the matrix. ARMAGLASS CONNECTOR is used to mechanically connect ARMAGLASS mesh to various substrates (brick or stone walls, concrete, wood). It is perfectly compatible with any matrix utilised for grouting and with mortars based on air-setting or hydraulic binders.

## General features

ARMAGLASS CONNECTOR is used to mechanically connect our ARMAGLASS networks on various supports (brick or stone walls, concrete, wood). It is perfectly compatible with any matrix used for grouting and with mortars based on aerial or hydraulic binders. It is an extremely durable connector even when applied to supports with high saline loads or in the presence of severe exposure environments. It is extremely handy, light, easy to apply, which allows rapid intervention and low installation costs

## Dosage


Product to be purchased as needed.


## Fields of application

Mechanical collaboration and connection of ARMAGLASS networks with supports. High thickness plastering interventions. Reinforcement interventions on concrete and masonry structures through connections on one side only. The improved adhesion obtained with the surface presence of quartz aggregates allows optimal adhesion with resinous anchoring matrices and with all traditional materials (bricks, mortars, stone concretes). Particularly suitable for ancient walls of historical and cultural interest. The durability against atmospheric and environmental conditioning makes the use of ARMAGLASS CONNECTOR particularly advantageous in structures affected by the presence of aggressive soluble salts (sulphates, nitrates, phosphates).

## Basic features

 Diameter:  
8 mm


 Long side length:  
20 / 50 / 70 cm

 Short side length:  
10 cm

 Unlimited shelf-life

 Use wearing protective gloves

 UV-resistant

 Available colours  
White



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# Technical specifications

*Breaking load longitudinal: 18.900 N*

*Glass transition temperature: 100 °C*

*Longitudinal elongation at break: 3.2 %*

*Resistant area: 11.5 mm<sup>2</sup>*

*Static elastic modulus: 80.400 MPa*

## Substrate preparation

Connections on walls, concrete, arches and vaults: Make sure that the substrate is completely free of loose and flaking parts. Cleaning and saturation of the substrate by pressure washing. Remove any saline efflorescence by brushing or sandblasting.

## Instructions for use

Proceed to make holes in the support of suitable diameter, inclination and depth. Blow the inside of the hole with compressed air and, subsequently, vacuum with an effective vacuum cleaner to free the hole from debris and dust. To grout the connector with resins (SYNTECH PROFIX or SYNTECH FIX EP) act on a dry substrate, completely filling the hole with resin, inserting the cartridge spout deeply or using conveying tubes of suitable diameter. For grouting with mortar or slurry (GROUT CABLE, SANAFLEUENS, GROUT 2, REPAR TIX SPEEDY HP) act on a damp substrate by pre-washing with water; wait a few minutes, fill the hole with mortar or grout, then insert the connector.

## Storage and preservation

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight.



## 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.

*ARMAGLASS CONNECTOR is produced/distributed by*



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