



RNF.0224

ARMAGLASS CONNECTOR TWIN

Threaded double-ended and
alkali-resistant fibreglass
connector

Customs Code

7016 9070

Packaging

- 20 x 20 x 20 cm 1 unit
- 20 x 30 x 20 cm 1 unit
- 20 x 40 x 20 cm 1 unit
- 20 x 50 x 20 cm 1 unit
- 20 x 60 x 20 cm 1 unit

Application

- Apply by hand



www.azichem.com

Updated: **28/10/2021**

General sales conditions and legal
notices on

www.azichem.com/disclaimer

Page: **1/3**

Family
Rinfor

Product Lines

- **Building**
- **Infratech**
- **Opus**
- **Sanageb**

Components
Single-component

Type

Alkali-resistant fibreglass connectors

Functional Categories

- **Structural strengthening of masonry in historic buildings**
- **Repair and restoration of concrete structures with thixotropic mortars**
- **Masonry plastering with plasters and skims**

Appearance

Connector

Certifications and legislations



CHEMICAL RESISTANT

Chemical-resistant product

General description

Alkali-resistant fibreglass connector with rigid pre-formed central segment and double-threaded ends. Suitable for the structural reinforcement of brickwork, arches and vaults in masonry, tuff and stone, in combination with ARMAGLASS STRUCTURA fibreglass mesh and mortars such as UNISAN, INTOSANA and the REPAR family. It is used as a conduit for connecting the two sides of structural plaster (with the "structural sandwich" technique).

General features

ARMAGLASS CONNECTOR TWIN is mainly used in plastering reinforced with sandwich systems comprised of mortars and fibreglass mesh. The rigid central section is available in segments of different lengths (200, 300, 400, 500 or 600 mm), while the two threaded ends are fixed at 200 mm in length. The ends are thus able to be opened radially and form an anchorage area of 400 mm in diameter. This method of connecting the two sides of the structural sandwich requires low-invasive preparatory operations, being easy to carry out and consequently resulting in low installation costs.

Dosage

Product to be purchased as needed.

Fields of application

The ARMAGLASS CONNECTOR TWIN is used to reinforce masonry, arches and vaults in brick, tuff and stone. It is used as a through-connection for joining two sides of a structural plastering (employing the "structural sandwich" technique).

Basic features

 Diameter:
8 mm

 Suitable for contact with drinking water


 Use wearing protective glasses

 UV-resistant

 Nonflammable

 Unlimited shelf-life

 Use wearing protective gloves

 Available colours
White

Technical specifications

Alkali-resistant material

Breakdown tensile strength: 490 MPa

Length of loose ends (L3): 20 cm

Overall length (L2): 60 / 70 / 80 / 90 / 100 cm

Applicable on

Plasters, Concrete, Cement-based or lime-based mortars, Brickworks, Bricks

Instructions for use

Ensure that the substrate is robust and free from loose parts. With any existing deteriorated plaster, strip the surface until restoring the masonry. Create through-holes on the section to be reinforced, using a rotating drill bit or core drill. The diameter of the hole should be equal to that of the connector plus at least 6 mm. The number of pass-through connections is to be determined by the drafter (usually between 3 to 5 connections/m²). Do not use percussion tools for drilling through-holes. Once formed, proceed with a proper blowing and suction of the hole to eliminate any debris. Secure the connector with hydraulic lime-based grouts (such as our SANAFLENS), cement-based grouts (like our GROUT CABLE) or with chemical anchors (such as our SYNTECH PROFIX). Wet the substrate and apply an initial coat of mortar by hand or with a plastering machine until reaching a thickness of about 1.5 centimetres. Be quite vigorous if working manually or - even better - with a plaster spray machine, leaving the surface of the mortar sufficiently rough, without any smoothing operations, to facilitate the adhesion of the subsequent layer. Place the primed alkaline-resistant fibreglass mesh of the ARMAGLASS line (see the technical data sheet of the chosen product), placing it on the still-fresh mortar by passing the connector between the bars of the mesh and opening the ends of the same in accordance with a radial distribution. Finish with the application of a second coat of mortar at a thickness of about 1.5 centimetres. The temperature of the substrate must be between +5° C and +35° C. Do not apply at temperatures of around 0° C.

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. 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.



www.azichem.com

Updated: **28/10/2021**

General sales conditions and legal notices on

www.azichem.com/disclaimer

ARMAGLASS CONNECTOR TWIN 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



www.azichem.com

Updated: **28/10/2021**
General sales conditions and legal
notices on
www.azichem.com/disclaimer

Page: **3/3**