Armaglass Pulbar

Alkali resistant fiberglass pultruded rods

ARMAGLASS PULBAR bars are pultruded bars made of E-CR glass fibre, known for its improved mechanical and durability characteristics compared to traditional E-glass, and impregnated with epoxy-vinyl ester thermosetting resin, thus guaranteeing perfect durability even in particularly aggressive where resistance to corrosion induced by chemical agents or stray currents becomes an essential requirement. ARMAGLASS PULBAR is sandblasted and spiral wound in order to ensure perfect adhesion to the concrete in accordance with the current qualification and design guidelines.

CUSTOMS CODE: 7019 6100
COMPONENTS: Single-component
APPEARANCE: Connector
AVAILABLE COLORS: White
PACKAGING AND DIMENSIONS: Ø 16 mm 1 m - Ø 18 mm 1 m

FEATURES AND BENEFITS

Suitable for any type of joint between prefabricated elements, infills, bodies of different structures, partitions, doors and window frames, flooring. The insertion of a "joint base" filler material has many functions in both static and expansion joints: sizing the joint in the most appropriate shape and measurements for the characteristics of the sealant to be used, reducing the stresses internal to the sealant itself and on the adhesion to the walls; favouring the contact of the sealant with the side walls during joint filling; reducing sealant consumption. Sold in circular sections with a diameter equal to: 6, 10, 15, 20, 25, 30, 40 mm. 10, 15 and 30 mm sections are available ready to ship, other sizes are provided by request only.

FIELDS OF APPLICATION

Filling the "joint base" for any type of joint between prefabricated elements, infills, bodies of different structures, partitions, doors and window frames, flooring, prior to laying the elastic sealant in the joint itself.

ALLOWED SUPPORTS

Concrete - Cement-based or lime-based mortars - Prefabricated concrete - Calcestruzzo armato

MODE OF USE

The diameter of Filtene Fondogiunto should be about 25% greater than the width of the joint to allow a stable positioning of the profile and create sufficient resistance to the pressure exerted by the sealant during extrusion. Push with a tool with a rounded tip (free of sharp and pointy edges), capable of crossing the width of the joint, Filtene Fondogiunto, up to the desired depth and so as to leave on the surface an adequately deep seat for the subsequent sealant. Normally the depth of the sealing should be about half the width of the joint. Polyethylene foam is unaffected by solvents contained in the primers, but it is a good idea never to apply the adhesion promoter Protech Flex Primer on Filtene Fondogiunto, in order not to alter the anti-adherence properties. FILTENE can then be inserted into the joint after applying the primer, when the "dust-free time" is attained.

APPLICATION METHODS

Apply by hand

KEY FEATURES

- Density: 2.00 ± 0.10 g/cm³
- Nonflammable
- Unlimited shelf-life
- UV-resistant
- Diameter: 16 mm
- Suitable for contact with drinking water
- Use wearing protective gloves

TECHNICAL SPECIFICATIONS

ISO 10406-1, 7
Bonding force **> 8 MPa**

Alkali-resistant material

Non-toxic material

ISO 10406-1, 6
Static elastic modulus **46000 MPa**

ISO 10406-1, 13
Shear strength **> 150 MPa**

Longitudinal elongation at break **2 %**

EN ISO 11357-2
Glass transition temperature **> 115 °C**

Breaking load longitudinal **900 MPa**

ASTM D570, subsection 7.4
Capillary absorption **< 0.25 %**

CONSUMPTION

Product to be purchased as needed.

ADDITIONAL CONTENT

WARNINGS AND PRECAUTIONS

A good rule is for the depth of the sealing (adjustable depending on the positioning of Filtene Fondogiunto) not to exceed the width of the joint itself.
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.