

# Armoglass Pulnet 150

Alkali resistant fiberglass mesh obtained by pultrusion



Closed cell polyethylene foam kerb, compressible, to properly size the depth of the expansion joints (creation of the "third wall" or base material) before filling them with the polymeric sealants Protech Flex or EG 91. It is available in profiles of circular cross-section of different diameter that will fit joints of any shape and size.

**CUSTOMS CODE:** 7019 6100

**COMPONENTS:** Single-component

**APPEARANCE:** Net

**AVAILABLE COLORS:** Black

**PACKAGING AND DIMENSIONS:** Bulk material 1 unit

## FEATURES AND BENEFITS

ARMAGLASS PULNET 150 is a fiberglass mesh obtained by pultrusion process, made with epoxy resin, for internal reinforcement of permanent concrete structures and repairs using structural cement mortars. Monolithic GFRP mesh made with E-Cr glass yarn bars and pultruded epoxy resin, intertwined in a monolithic form, thus ensuring perfect durability even in particularly aggressive environments where resistance to corrosion induced by chemical agents or stray currents becomes a requirement essential.

## 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: 1300 g/m<sup>2</sup>
-  Nonflammable
-  Unlimited shelf-life
-  UV-resistant

-  Diameter: 8 mm
-  Suitable for contact with drinking water
-  Use wearing protective gloves

## TECHNICAL SPECIFICATIONS

**40 kN**

**830 MPa**

**50.24 mm<sup>2</sup>**

Longitudinal elongation at break **2 %**

**> 75 %**

Mesh size **150x150 mm**

Working temperature **-20/+90 °C**

**800 MPa**

**42 kN**

Static elastic modulus **50.000 MPa**

## 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](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.

