

PRS.0355

BELTSEAL

Hydroexpansive gasket for PVC conduit pipes in concrete masonry

Customs Code

4006 9000

Packaging

- Box 180 unit
- Ø 70/90 mm 1 unit
- Ø 110/125 mm 1 unit
- Ø 160/200 mm 1 unit

Application

- Apply by hand

Family
Proseal

Type
Hydro-expansive seals for formwork spacers and through-pipes

Product Lines

- Aqua
- Building
- Infratech

Functional Categories

- **Instantaneous stoppage of water infiltrations in buildings**
- **Waterproofing underground structures with hydro-expansive products**
- **Construction of underground works in high performance waterproof concrete**

Components
Single-component

Appearance
Gasket

General description

BELTSEAL is a gasket "belt" produced with a special hydro-expansive rubber that reacts upon coming into contact with water that increases its initial volume. Thanks to its geometry, BELTSEAL is very quickly applied directly to PVC piping without additional processing. It hermetically seals any discontinuities that could easily be found in the concrete due to the presence of PVC conduit pipes. In many cases, such discontinuities could pass from one side of the masonry to the other and thus seriously compromise the waterproofing of the masonry itself. There are three sizes available which are respectively suitable for diameter pipes: 70/90 mm, 110/125 mm and 160/200 mm.

General features

The hydroexpansive capacity of BELTSEAL has been laboratory tested with two different types of water: demineralised and with a highly basic pH (to simulate conditions in contact with concrete). Expansion tests showed a respective change in volume of 300% and 250%.


Dosage

No. 1 BELTSEAL gasket for each conduit pipe to be sealed.


Fields of application


For underground concrete constructions with conduit pipes, where the wall is in direct contact with the ground and where there are no layers of waterproofing outside the masonry itself: basements, cellars, underground garages, below-ground and cellar environments, etcetera.

Basic features

 Hydroexpansive product:
250 - 300 %

 Shelf-life:
24 months

 Temperature of use:
-20 / +75 °C

 Available colours
Blue

Technical specifications

Alkali-resistant material

Breaking load longitudinal: >1.5 MPa

Density: 1.22 +/- 0.03 g/cm³

Hardness Shore A: 35 _

Longitudinal elongation at break: >350 %

Applicable on

Concrete, Plastic

IF YOU WANT TO SOLVE IT


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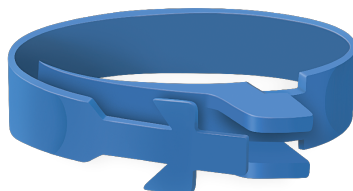
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Instructions for use

Position the BELTSEAL hydrofoam gasket centrally in respect of the length of the pipe (using one gasket per pipe).

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. Protect from humidity.



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.

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