

Ringseal IR 08

Hydroexpansive rubber gasket for iron formwork spacers



Ringseal IR 08 is a ring gasket in special hydro-expansive rubber that reacts upon contact with water, increasing its initial volume. Used in combination with an 8-mm diameter iron formwork spacer (rebar), Ringseal IR 08 hermetically seals any conduit discontinuities that could easily form in the concrete due to the presence of the spacer and which would compromise the waterproofing of the masonry itself. The hydroexpansive capacity of Ringseal IR 08 has been laboratory tested with three different types of water: demineralised, salt and with a highly basic pH (to simulate conditions in contact with concrete). The expansion tests showed a variation in volume ranging from a minimum of around 200% with salt water (three times the initial volume) to a maximum of over 900% with demineralised water.

CUSTOMS CODE: 3926 9097

COMPONENTS: Single-component

APPEARANCE: Gasket

AVAILABLE COLORS: Blue

PACKAGING AND DIMENSIONS: Small bag 500 unit

FIELDS OF APPLICATION

For underground concrete constructions, where the wall is in direct contact with the ground and where there are no waterproofing layers outside the masonry itself: basements, underground garages, basements, and so on.

ALLOWED SUPPORTS

Concrete - Iron rod formwork spacers

MODE OF USE

Manually position the Ringseal IR 08 hydro-expansive gasket around the formwork spacers in a central position. Construct the formwork as planned, using the spacers as above and proceed with the regular concrete pouring operations.


APPLICATION METHODS


To be added to other components


KEY FEATURES

 Diameter: 8 mm

 Nonflammable

 UV-resistant

 Hydroexpansive product: +200 / +900 %

 Shelf-life: 24 months

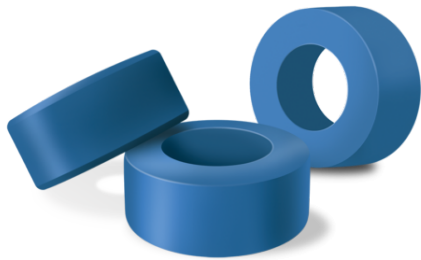
CONSUMPTION

No. 1 Ringseal IR 08 gasket for each “rebar” iron formwork spacer.

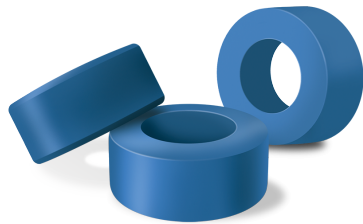
STORAGE AND CONSERVATION

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.

PHOTO GALLERY



ADDITIONAL CONTENT



Produced and distributed by **AZICHEM srl**
Via Giovanni Gentile, 16/A - 46044 Goito (MN), Italy
Tel: +39 0376.604185 / 604365
Fax: +39 0376 604398
www.azichem.com - info@azichem.com

Update of **25-08-2020**
Terms of sale and legal notices available at
<https://www.azichem.com/general-sales-conditions>
Total pages of this document: 3

WARNINGS AND PRECAUTIONS

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.

