



RASCOTight Hydrophilic Gasket

HYDROPHILIC SYSTEMS

HYDROPHILIC PRODUCTS

RASCOTight hydrophilic products are made from self-swelling materials and work by expanding their volume upon contact with infiltrating water. The contact pressure built up against the adjoining concrete by this expansion serves to create a watertight barrier. RASCOTight hydrophilic products can be used to waterproof construction joints and penetrations. Some products are self-adhesive while others are fixed mechanically or by (RASCObond) adhesive. The products must always be installed in such a way as to create a complete and continuous system. To prevent premature swelling of the hydrophilic strip materials, these require adequate protection against rainwater and other precipitation prior to concreting. Materials that have swollen must not be cast into the concrete.

USE

RASCOTight Hydrophilic Gasket are gaskets made from special acrylic polymers that swell upon contact with water and are used to waterproof plastics or fibre-cement tie bolts.

FEATURES

- swells upon contact with water
- reversible swelling
- very straightforward application
- high swelling effect



Further product info



LEGAL NOTICE: The information provided on the use and application of our products in this technical data sheet is based on the present state of our knowledge. The customer shall bear sole responsibility for the proper specification, application and use of the products in line with the intended purpose, project-specific conditions and external actions. The most recent technical data sheet shall apply. The current technical data sheets are available at www.rascor.com. Our General Terms of Business shall form an integral part of this technical data sheet.

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TECHNICAL/PHYSICAL DATA

Size	diameter 26 mm (for plastics tie bolts) diameter 43 mm (for fibre-cement tie bolts)
Colour	yellow
Supplied form	solid
Chemical base	acrylic polymers
Hazardous goods/ADR	none
Hydrostatic pressure	suitable for up to 1 bar
Storage/shelf life	12 months in original container, in dry conditions

SUPPLY/ADDITIVES

Item no.	Product	Container	Contents
1107.2201.001	RASCOTight Hydrophilic Gasket, internal Ø-26 mm	pack	pack 40 pcs
1107.2202.001	RASCOTight Hydrophilic Gasket, internal Ø-43 mm	pack	pack 50 pcs

APPLICATION/PREPARATION

A hydrophilic gasket shall be fitted (at approx. mid-position) around each tie bolt during erection of the wall formwork. RASCOTight Hydrophilic Gasket serve to seal the joint between tie bolt and concrete. RASCOTight Hydrophilic Tie Bolt plugs shall be used to seal the inside of the tie bolts.

GENERAL GUIDELINES / SAFETY NOTICE

To prevent premature swelling, RASCOTight Hydrophilic Gasket shall be stored in dry conditions and shall not be exposed to the weather for a longer period prior to casting. The system is suitable for both plastics and fibre-cement tie bolts. Care shall be taken to ensure that the hydrophilic gaskets are not dislodged when pouring concrete for high walls.

No special safety instructions are required.