

RESINE D'ETANCHEITE TOUS FLUIDES

Functionality

Anaerobic sealing resin for sealing conical and cylindrical metal threaded fittings.

- Sealing of drinking water, hot and cold sanitary water and heating systems.
- Sealing of steam and compressed air systems.
- Use alone, without yarn or sealing thread.
- This formula can be removable with appropriate tools up to 1".

Labels and Accreditation

Drinking water compatibility : Conformity to current French positive lists.

Technical characteristics

Characteristics	Specifications
Appearance	Liquid gel
Density	1.13
Color	White / Cream
Maximum admissible clearance at the diameter	0.25 mm
Maximum diameter of connectors	2" Tested on galvanized 4"
Type of connector	Must be made of metal (steel, copper, brass, etc.) Plastic materials are forbidden
Removable	Removable up to 1"
Temperature resistance	Up to + 150°C continuously
Minimum application temperature	From +5°C
Time open on bolts APZn M10 at room temperature	8 minutes
Full polymerisation time on M10 :	
Steel	1 hour
Brass	1 hour
Stainless steel	3 hours
Return to pressure at 20°C	
1" (steel)	5 bars = 10 min, 30 bars = 30 min
2" (steel)	5 bars = 20 min, 30 bars = 1h30
4" (galvanized)	20 bars = 2h

Release torque

On APZn M10 : > 20 N.m (1h), > 25 N.m (24h)
On Brass M10 : > 5 N.m (1h), > 5 N.m (24h)
On Stainless steel M10 : > 5 N.m (1h), > 5 N.m (24h)

Use

Preparation

- If necessary brush the connectors to remove any particles that may be stuck.
- Degrease with acetone, ethyl acetate or alcohol solvent (do not use white spirit type solvents), then let dry.

Instructions for use

- Apply the product to the first 4 threads on the male part, smoothing the product to prevent air bubbles. The whole circumference of the joint must be coated.
- Screw on the female part.
- Tighten with a wrench. Make sure that at least 4 threads are engaged.
- Wipe off any excess product.
- Leave to polymerise for the necessary time (the times depend on the temperature, the clearance, the nature of the metal fittings and the diameters).
- Setting time depending on the substrates and the temperatures (time scale for information only, the times depend on the temperature, the clearance, the nature of the metal fittings and the diameters):

Setting time	Room temperature	5°C	40°C
Brass	5 minutes	5 minutes	< 5 minutes
Steel/Cast iron	8 minutes	10 minutes	5 minutes
Stainless steel	18 minutes	40 minutes	10 minutes

Consumption

One 20 mL tube makes it possible to apply up to 25 1" fittings (without taking product losses into account).

Material cleaning

Before polymerisation, the product can be cleaned with solvent.
The polymerised product can only be removed by mechanical action (grinding).

Safety precautions

The Material Safety Data Sheet is available on the Internet on www.quickfds.com or on www.geb.fr.

If the product is subject to detergent regulation : Component list available on request at reach@geb.fr

If the product is subject to biocide regulation or if it contains a biocide to protect it : Consult the Material Safety Data Sheet - Please use the products responsibly.

Tip

Successful waterproofing is based on good preparation of the substrates.

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Comments

After the rewatering and before the drinking water consumption: make sure the faucet spouts do not contain a surplus of RESINE D'ETANCHEITE TOUS FLUIDES, disassemble and rinse it before any water consumption.

Storage

Store at a temperature between +5°C and +25°C.

The expiry date on packaging is for unopened product stored at 20°C in normal hygrometry conditions.

Packaging and waste sorting

Refer to the information on the product and to the applicable local regulations.

The information contained on the technical datasheet is provided in all good faith and results from measurements made in our laboratory. Given the number of materials, differences in quality and diversity of working methods, we recommend that users perform tests prior to application under actual conditions of use.

This document may be amended in keeping with product development and the state of our knowledge without prior notice and therefore it is recommended to check on <http://www.geb.fr> that you have the latest version before use.