

RLC+

Functionality

Anaerobic resin for copper and brass smooth fittings.

- Cold soldering, an alternative to soldering that requires the use of a flame.
- Can be used on complete installations.
- Can be used on hot and cold water sanitary systems and heating systems.
- Release time : 15 min after the last connection, up to 16mm and 30 bars.
- Water hammer resistant.
- Non suitable for gas pipes, refrigeration circuits, or installations subjected to permanent vibrations.
- Non-replaceable.

Labels and Accreditation

Drinking water compatibility : WRAS certified up to 23°C according to BS 6920 standard.

CSTB tests :

- **Bursting pressure: diameter of 14 mm, at 20°C : 73 bars**
- **Pressure variation resistance: 30.000 cycles of 1 second between 10 and 30 bars at 20°C, diameter of 14 mm**
- **Heat resistance: 1000h at 80°C, 10 bars, diameter 14 mm**

Technical characteristics

Characteristics	Specifications
Aspect	Visqueous liquid
Color	Orange
Minimum application temperature	10°C
Maximum diameter	28 mm
Time before releasing water in the system	15 min for diameter up to 16 mm included 1h for diameter from 18 to 28 mm
Final polymerisation time	12 hours
Minimum pricking or soldering distance	30 cm
Compatible fluids	Drinking water (up to 23°C) Hot and cold sanitary water Heating water Glycol water
Temperature / pressure resistance	Up to 30 bars at 60°C Up to 15 bars at 70°C

	Up to 10 bars at 80°C On empty pipes between -20°C and +5°C
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Use

Preparation

- In advance, mark the length and positions of every pieces of the installation and place pipe clamps regularly to avoid any twisting or bending effects
- Abrade male and female parts with sandpaper (BANDE ABRASIVE) or steel wool (LAINE D'ACIER).
- Degrease and clean the surfaces with stripper (DECAPANT UNIVERSEL).
- Make sure that the surfaces are clean and dry before applying the product.

Instructions for use

- Apply the resin ALL AROUND the male and female surfaces to be assembled. For press fittings, do not remove the seal.
- Fit the male and female parts without twisting.
- Wipe of the excess of product with a clean cloth (the product does not dry in contact with air).
- After the last connection, wait 15 minutes (for connections up to 16 mm in diameter) or 1 hour (for connections between 18 and 28 mm), before restarting the water circulation system.
- For drinking water systems, rinse for at least 30 minutes before commissioning.

Consumption

A 30mL flask allows to do 70 connections diameter 14 mm.

Material cleaning

Before polymerisation, use a solvent to clean the product.

After polymerisation, the product can only be removed by sending it.

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

**Also works on preformed sleeves.
Can be used as a complement or instead of press fittings.**

Comments

This product has been created for copper and brass pipes ; it is not suitable for other metals.
This product is not dismantled.

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Do not apply a strong rotational stress on the fittings made with his product.
For metal threaded connections, choose the GEBETANCHE range.

Storage

Store at a temperature between +10°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.