

COPPER EPOXY REPAIR SYRINGE

SERINGUE EPOXY REPARATION CUIVRE

Functionality

Two-compound liquid epoxy that sets rapidly to repair leaks, fissures, and holes on rigid metal pipe work, in particular made from copper, brass, and bronze. It can also repair plastic pipe work (e.g. PVC).

- Easy to use : spatula supplied for mixing and application, packaging shell serves as container.
- Can also be used to repair broken objects and to stick different metals together.

Technical characteristics

Characteristics	Specifications
Type	Two-compound epoxy resin.
Final colour	Brown.
Shore D hardness	82
Withstands temperature	-40°C to +93°C
Pressure resistance	Up to 3 bar after 1 hour drying. Up to 30 bar after 12 hours drying
Adhesive strength	Up to 55 kg / cm ² (copper to copper)
Start of setting	8 minutes
Full hardening time	12 hours
Compatibility	Water, treated swimming-pool water, common household products.
Compatible rigid materials	Copper, bronze, brass, stainless steel, steel, cast iron, PVC, PVCC, fibreglass, wood, concrete (except PE, PP, PTFE and asphalt).
Application to wet surfaces	Yes, but not immersed.
Paintability	Yes, after full hardening.

Use

Preparation

- To repair a pipe, cut off the water supply to have a dry surface if possible.
- Abrade the surface to improve adhesion.
- Clean and degrease with an appropriate solvent (alcohol or acetone).

Instructions for use

- Cut the end of the syringe using a cutter.
- Remove the safety that is between the two pistons.
- Press the syringe to empty it completely. The plastic shell of the packaging serves as a container.
- Mix the two compounds using the spatula to obtain a smooth mixture (about 1 minute).
- Apply the mixture obtained within 8 minutes. For a pipe repair, apply the product to a thickness of about 2 mm, taking it 1 cm or 2 cm beyond the area of repair. For bonding, apply the product to one of the surfaces, then bring the two surfaces into contact. Depending on the weight of the object to stick, spread if necessary during the entire hardening time.
- In all cases, wait for at least 1 hour before use, and if possible for 12 hours to obtain full hardness.

Material cleaning

If necessary, the fresh product can be cleaned with a solvent (alcohol or acetone, depending on the surface).

Hardened product can only be removed mechanically.

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.

Storage

Store at a temperature between +5°C and +35°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.