

G110 UNIVERSAL INHIBITOR

G110 INHIBITEUR UNIVERSEL

Functionality

Product intended to protect closed central heating circuits from corrosion, sludge and scale. It is used to protect a new installation or after descaling treatment of an existing installation.

- Suitable for metals: stainless steel, copper, brass, aluminum, cast iron, steel, galvanized steel.
- Suitable for plastic tubes used in floor heating installations (PER, PEX, PB, PP, PVC).
- Protect the installation by creating a barrier between materials and water. This avoids the phenomena causing corrosion, sludge and scale.

Technical characteristics

Characteristics	Specifications
Appearance	Liquid
Density	1.09
pH at 20°C	8.1
Water hardness	Works whatever the water (city water, softened water)
Compatibility with materials	- Copper, brass - Cast iron, steel, galvanized steel, stainless steel, aluminum - PVC, PER, PEX, PB, PP
Compatibility with other GEB's products	Compatible with all products in the GEB HVAC range Compatible with antifreeze without additives
Material compatibility	Compatible with most hardware. Does not attack seals on radiator and boiler nipples

Use

Preparation

- It is advisable to clear the installation and then treat a clean circuit. The sludge removal is recommended if the installation is more than 5 years old, if the circuit water is loaded with sludge, if the bottom of the radiators is cold, etc. For effective sludge removal, use the G30 DESEMBOUANT.
- Stop the boiler or the heat pump (and the circulation pump).
- Drain the installation of the volume equivalent to the volume of product to be introduced (at the boiler or on a lower part of the installation).

Instructions for use

- Respect the dosage (1L for 100L). The product can be introduced via the manifold which feeds the underfloor heating, via the highest part of the installation (eg steam trap, using the G EASY INJECT) or using a pump.
- Top up the water to return to operating pressure.
- Restart the installation.
- Run the circulation pump for at least 30 minutes to homogenize the solution.
- Bleed the radiators well to remove all the air.
- Leave the product in the installation. Your installation is protected (treatment life = 5 years on average) and can function normally again.
- We advise you to note the information relating to this treatment (name of the product (s), date, etc.).
- Please note: if you add a lot of water or add antifreeze to the installation, do not forget to add product (G10 INHIBITOR or G110 UNIVERSAL INHIBITOR) to maintain the concentration in the circuit.

Consumption

1L for a 100-litre installation

Material cleaning

With water

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

To know the exact volume of your installation, remember to take these readings:
- before the first filling of a new installation or following a sludge removal, take the reading of the water meter (V1)
- fill
- read from the water meter (V2)
The volume of your installation is obtained by the difference $V_e = V_2 - V_1$

Comments

Read the instructions before use.
Empty packaging must not be reused.

Storage

Store at a temperature between +5°C and +30°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.