

BOUCLIER THERMIQUE

Functionality

Semi-rigid thermal insulation system, comprising a high temperature fibreglass blanket and an aluminium sheet.

- Protects, even in corners, heat sensitive walls and coverings (plaster, paint, wood, fabric, etc.) during welding.
- Does not tear or become detached.
- Can be used several times.
- Does not give off unpleasant fumes during heating.

Labels and Accreditation

Fire behaviour classification : M0

Technical characteristics

Characteristics	Specifications
Type	High-temperature fibreglass system in the form of a blanket covered with an aluminium sheet
Dimensions	200 mm x 270 mm
Blanket thickness	11.5 mm
Aluminium sheet thickness	80 µm
Blanket density	128 kg/m ³
Blanket classification temperature	1200 °C
Thermal insulation of the blanket	0.09 W/m.K at 400 °C

Use

Instructions for use

- Position the shield between the pipe and the coating to be protected with the white side facing the heat source.
- During welding, the shield will provide protection if the operating conditions are according to best industry practise*, namely :
 - Even heating of pipes and connectors by continuous sweeping of the soldering torch or blowtorch along the pipe (the flame must be directed so that it covers the pipe and/or connector) to avoid overheating.

- Immediate withdrawal of the flame from the surface of the material to be welded as soon as the filler metal is applied (temperature below 900°C).

* Those described in the *Manuel du brasage tendre* (Soft soldering manual) and the *Manuel du brasage fort* (Hard soldering manual) (La Soudure Autogène Publications – Paris).

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

After use, we recommended that you keep it in its plastic bag or roll it up (white side inside) so that it will remain intact and can be transported easily in a toolbox.

Comments

Do not direct the flame of a blowtorch directly on the surface of the shield.

Storage

Store away from moisture.

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.