

GEBSOMOUSSE PLUS

Functionality

Expansive single component polyurethane foam, cures on contact with atmospheric moisture and containing less than 0.1% of monomeric isocyanates.

- Weatherstripping.
- Thermal and sound insulation.
- Insulation and setting of pipes.
- Filling of cavities and recesses.
- The store time of this foam is very long for this type of product : 18 months (from the date of manufacture).
- Important expansion : until 28 litres for a can of 500 mL.

Labels and Accreditation

This product complies with:

- EC Regulation No. 1272/2008 (CLP)
- Annex XVII of REACH (and EC Regulation 1907/2006)

It is not impact by the public health code which restricts the placing on the market of certain dangerous preparations following the articles R5132-66 and R5132-58.

Therefore, it does not require putting under key

Technical characteristics

Characteristics	Specifications
Colour	White
Use	Right side up or upside down
Expansion*	2 to 4 times compared to its initial volume
Sec au toucher*	20 min
Time before cutting out	35 min (diameter 20 mm - with humidification)
Temperature stability	-40°C to +80°C
Thermal and sound insulation	Very good
Thermal conductivity	0.034 W/mK
Sound insulation (EN ISO 10140-1: 2010 + A1: 2012)	[R s,w(C ;C tr) ≥ 64 (-1 ; -5) dB] thickness : 10 mm [R s,w(C ;C tr) ≥ 64 (-1 ; -4) dB] thickness : 20 mm
Adhesion	Excellent adhesion to most surfaces apart from PE, PP, PTFE and silicones
Resistance	Resistant to ageing and mould. The foam is UV sensitive as it is not protected.

* measured data at +23°C and 50% RH

Use

Preparation

- Use suitable gloves and protect the surrounding surfaces. Once hard, the foam can only be removed mechanically or with the NETTOYANT MOUSSE PU 2 EN 1 (verify the compatibility with the surface).
- The can must be at temperature between +5°C and +30°C. The application temperature is 20°C.
- The work surfaces must be clean and free of grease.
- Humidify the surfaces to obtain foam with homogeneous structure and a faster hardening.

Instructions for use

- Remove the lid and fix the extruder spout to the valve.
- Turn the can upside down and shake vigorously approximately 20 times before use.
- Partially fill in any cavities as the foam will expand to several times its initial volume. Once injected, the foam must always have at least one face in contact with the air. For deep cavities, perform a series of injections, approximately 1 at 2 hours apart, over 5 cm each time and by moistening between coats.
- After use, fold up the cannula on itself and fix it for a use until one week after the first use without cleaning :



- After this delay, we advise a complete cleaning: remove the beak extruder and clean carefully all the parts (valve, beak and cannula) with the NETTOYANT MOUSSE PU 2 EN 1.
- Cut off the excess of foam hardened (cutter, or blade of saw for example). The foam must be covered by paint or a covering (plaster, render, wallpaper, etc.). The foam is sensitive to UV unless it is protected.

Consumption

Free expansion filling capacity: until 28 l for a can of 500 ml.

Material cleaning

Before the foam dries, clean the equipment with NETTOYANT MOUSSE PU 2 EN 1. If the foam is hardened, it can withdraw only mechanically or with the NETTOYANT MOUSSE PU 2 EN 1 (verify the compatibility with the surface).

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 +10°C and +20°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.