

GEBSICONE A

Functionality

Sealing and bonding mastic approved for permanent or occasional contact with foodstuffs or beverages. Continuously resistant from -40°C to +180°C.

- Use in kitchens, cellars, etc. for sealing and bonding (kitchen worktops, cooktops, hoods, backsplashes, freezers, refrigerators, etc).
- Manufacturing or repairing materials for human or animal nutrition (refrigerators, freezers, kitchen ovens, pizza ovens, packaging or manufacturing materials, etc.).
- Repairing materials in contact with beverages.

Labels and Accreditation

NSF/ANSI standard 51 certified: Food Equipment Materials.

The NSF is an independent international body in the food sector. It has examined the formula for the mastic, and has certified as suitable for permanent or occasional contact with foodstuffs and beverages (<http://info.nsf.org/Certified/Food/Listings.asp?Company=C0169371&Standard=051>).

Complies with the requirements of the regulation (CE) n° 1935/2004

Technical characteristics

Characteristics	Specifications
Colour	Translucent
Appearance	Paste that does not run
Type of mastic	High elastic module single-component acetic silicone, cross-linking in contact with air humidity.
Minimum application temperature	+5°C to +40°C
Skin formation time	10 minutes
Curing time	3 mm the first 24 hours
Use of sanitary equipment	After 3 hours
<u>On cross-linked seal</u>	
Elongation at break	250%
Temperature resistance	-40°C to +180°C
Resistance	Good with water, oil, fats, alcohols, and common cleaning products (for contact with specific products, a preliminary tests is necessary).
Adhesion	Good on painted surface, stainless steel, wood, glass, enamel, certain plastics, concrete, fire bricks, tiling, etc.

Paintable

No

All of this information is given for 23°C and 50% of relative humidity. According to the cross-linking conditions, these values may therefore vary.

Use

Preparation

- For porous materials, clean using a metal brush and remove dust.
- For metal surfaces, glass, tiling, and enamel, degrease with alcohol and wipe with a clean cloth.
- For plastics, it is sometimes necessary to abrade or to degrease using a manufacturer-recommended solvent.
- In general, surfaces must be clean, dry and free from grease.
- For sealing, mark out the edges of the seal with adhesive tape.

Instructions for use

Sealing procedure:

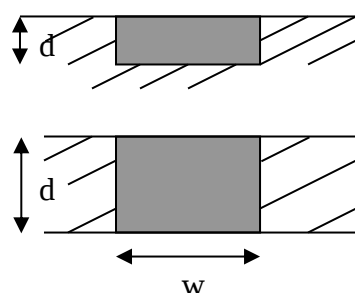
- Cut the end of the nozzle to the size of the desired seal.
- Apply the mastic using a cartridge gun at between +5°C and +40°C.
- Smooth within 6 minutes of application.
- Immediately remove the adhesive ribbons that mark out the edges of the seal.
- Let the product dry completely before use. Otherwise, wait for at least 2 to 3 hours before using the appliances (no significant use). Complete drying after 24 hours for a seal 3 mm thick (20°C and 50% relative humidity).

Flexible bond procedure:

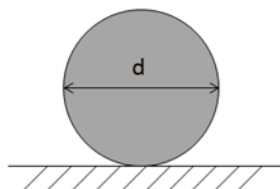
- Lay the product in spaced lines, in a zigzag, or by dotting it on the surface to bond, and avoid excessive thickness. The mastic must be laid so that it has as much contact with air humidity after application, so that it can cross-link completely.
- Position the object to be attached, pressing hard.
- For heavy objects, prop them up and wait for at least 24 H (adjust the time depending on the weight of the glued item).

Consumption

Depending on the seal dimensions and application, a cartridge of 280 ml covers a seal length (expressed in metres):



Depth in mm (d)	Width in mm (w)					
	8	10	15	20	25	30
4	8.7	7	4.6	3.5	2.8	2.3
5	7	5.6	3.7	2.8	2.2	1.8
7	5	4	2.6	2	1.6	1.3
8	4.3	3.5	2.3	1.7	1.4	1.1
10		2.8	1.8	1.4	1.1	0.9
12			1.5	1.1	0.9	0.7
15			1.2	0.9	0.7	0.6
20				0.7	0.5	0.4



	Cord diameter en mm (d)				
	5	6	8	10	12
Joint length	14.2	9.9	5.5	3.5	2.4

Material cleaning

The material can be cleaned with acetone, white-spirit or ethyl alcohol before the mastic has dried out or by scraping once the product has hardened.

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 re-use the cartridge after it is first opened, leave about 1 cm of mastic in the nozzle. As it dries, the mastic will form a plug that you can remove when you next use it.

Comments

The mastic is not recommended for surfaces like natural stone, marble, and granite.
 Owing to its acetic nature, a preliminary test is recommended on corrodable surfaces such as lead, copper, zinc and brass.
 In contact with elastomers such as EPDM and neoprene, the mastic may become discoloured.
 At a temperature, there may be a discharge of an oily food compound that does not harm the food aspect of the mastic or cause unacceptable changes to its technical characteristics.

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.