

GEBSICONE S

Functionality

Silicone mastic for technical jointing and gluing

- Sealing, weather-stripping and gluing (glass/glass and glass/metal).
- Sealing between tiles, even submerged tiles (after complete cross-linking), for swimming pools, spas and balneotherapy facilities.
- Replacement of worn and damaged joints, air ducts, ventilation shafts, boxes, electrical cabinets and electrical wire channels.
- Assembly of aquariums (translucent version).

Labels and Accreditation

CE Marking: DOP n° 17922001-1

- Sealant for glazing standard EN 15651-2 G

Tested by Eurofins Environnementales in order to guarantee the safety for fishes : in the experimental conditions of this test, the use of this clear sealant for the making of aquarium did not cause neither death nor abnormal behavior of fishes (Brachydanio rerio).

Technical characteristics

Characteristics	Specifications
Colour	Translucent, white, grey and black
Appearance	Paste that does not run
Type of mastic	High modulus of elasticity single-component acetic silicone cross-linking in contact with air humidity.
Density	1.04
Minimum application temperature	From +5°C to +40°C
Smoothing time*	5 minutes
Tack-free time*	20 minutes
Curing time*	3 mm in the first 24 hours
On cross-linked seal:	
Shore A hardness (ISO 868)	23
Modulus of elasticity at 100% (on glass specimens as per NF EN ISO 8339)*	0.50 MPa
Breaking strength	1.0 MPa

(on glass specimens as per NF EN ISO 8339)*	
Elongation at break (on glass specimens as per NF EN ISO 8339)*	300%
Withstands temperature of	From -50°C to +230°C (+260°C peak) for the white, translucent and grey. From -50°C to +250°C (+300°C peak**) for the black.
Resistance	Excellent to ozone, salt spray, diluted bases and acids, standard solvents and hydrocarbons and treated swimming pool water.
Adhesion	Very good on many smooth surfaces: glass, aluminium and ceramic, etc.

* 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.

** results bases on a period of 96 hours at 300°C. On this period, the weight and volume loss don't exceed 13%. The mechanical strength must not exceed 0.8 kg/cm² and the elongation 59%

Use

Preparation

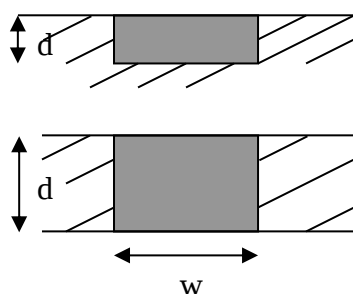
- The work must be carried out in accordance with NF DTU 39.
- Glass, tiling: remove grease with alcohol then wipe dry with a clean cloth.
- Metals, aluminium : remove rust and passivation from surfaces. If necessary, sand with an abrasive material and remove grease with alcohol before wiping down with a clean cloth. For anodised aluminium, only grease removal is necessary.
- In general, surfaces must be clean and dry and free from dust and greasy substances.

Instructions for use

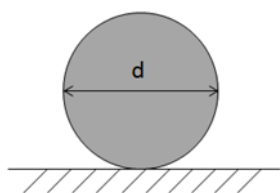
- Apply masking tape if necessary.
- Apply the mastic with a manual or pneumatic gun (no reheating necessary). In no case should the mastic be applied underwater or on wet surfaces.
- Depending on the work to be carried out (sealing, weather-stripping or gluing), either smooth the seal with a damp spatula to apply the mastic to the surface, or crush the line of mastic with the second surface to be glued.

Consumption

Depending on the seal dimensions and application, a cartridge of 310 ml covers a seal length (expressed in metres):



Depth in mm (d)	Width in mm (w)					
	8	10	15	20	25	30
4	9.6	7.7	5.1	3.8	3.1	2.5
5	7.7	6.2	4.1	3.1	2.4	2.0
7	5.5	4.4	2.9	2.2	1.7	1.4
8	4.8	3.8	2.5	1.9	1.5	1.2
10		3.1	2.0	1.5	1.2	1.0
12			1.7	1.2	1.0	0.8
15			1.3	1.0	0.8	0.6
20				0.7	0.6	0.5



	Cord diameter in mm (d)				
	4	6	8	10	12
Joint length in m	19.6	10.9	6.0	3.8	2.6

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.

Comments

In most sealing cases, when the seal is contained and under little stress, this mastic can be applied to wood, metal and plastic. Regarding technical gluing, where the seal is under mechanical stress use of an adhesion primer is recommended (please contact us about which product to use).

There is a risk of corrosion on some unprotected metals.

Not recommended on special treated glass.

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.