

GEBSICONE S

FUNCTIONALITY

Silicone mastic for technical jointing and gluing:

- § Sealing, weatherstripping and gluing (glass/glass and glass/metal).
- § Sealing between tiles, even submerged tiles (after complete cross-linking), for swimming pools, spas and balneotherapy facilities.
- § Creation of seals in-situ for pumps, compressors, electric engines, gear boxes, thermostats, casing, etc.
- § Replacement of worn and damaged joints, air ducts, ventilation shafts, boxes, electrical cabinets and electrical wire channels.
- § Assembly of aquariums.

Labels and Accreditation



S.N.J.F. glazing label: elastic mastic: G25E (product code: 3272 for white, translucent and black – Elastic type mastic class 25E primer-free on glass and with 10073 primer on anodised aluminium)

Conforms to standard ISO 11600 – F&G – 25 HM – concrete/primer, glass, aluminium/primer.

Technical characteristics

Specifications	Characteristics
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 every 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 (on glass specimens as per NF EN ISO 8339)*	1.0 MPa
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 (+260°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.

Application

Preparation

- § The work must be carried out in accordance with DTU 39/Standard NFP78 201.
- § 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.
- § Plastics: sand with an abrasive material, remove grease with a solvent recommended by the manufacturer and, if necessary, prepare the surface using a flame (carry out preliminary tests).
- § In general, surfaces must be clean and dry and free from dust and greasy substances.

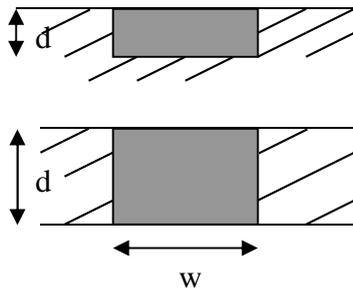
Instructions for use

- § 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, weatherstripping 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.

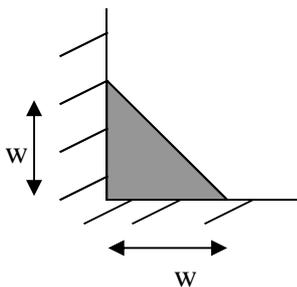


Consumption

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



Width in mm (w)	Width in mm (w)				
	4	6	8	10	12
4	19.3				
6		8.6			
8			4.8		
10				3.1	
12					2.1

Material cleaning

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

Storage

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

The expiry date on the packaging is for unopened product, stored at 20°C in normal hygrometry conditions.

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.

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 that you have the latest version before use.

The safety datasheet is available online at www.quickfds.com



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