

CONSTRUCTION SILICONE

One part, neutral cure, paintable modified sealant specially suited for the non-corrosive sealing of the concrete constructions, natural stones and metal constructions which require a high-level of cleanliness.

FEATURES

- Low-modulus, suitable for the weather sealing of large panels.
- Paintable after curing, compatible with suitable paint systems, good decorative effects.
- Non-staining, excellent adhesion to marbles, granite and other natural stones.
- Excellent adhesion to a wide variety of substrates such as the concretes. Primer is required if necessary.

TYPICAL PROPERTIES

These values could not be used as product standards

Item	Technical Data	Testing Method
Appearance	Paste	Visual
Density(g/cm ³)	1.40	
Extrusion rate(6mm,0.34MPa), ml/min	580	
Slump	Horizontal, mm	GB/T 13477
	Vertical, mm	
Tack free time, min	35	
shore hardness	13	GB/T 531.1
thermal ageing	cracking	GB/T 13477
	pulverization	
elongation at break, %	500	
100% Tensile module, MPa	0.22	
Weather ability	9030	JIS A 5758
TVOC Content, g/L	14.8	GB 18583-2008

*GB: Chinese National Standard

Guibao MS1097L Sealant

COLOURS

Guibao MS1097L is available in white, black.

PACKAGING

Guibao MS1097L is available in sausages (net 600ml).

BASIC USES

Guibao MS1097L is specially formulated for

- Weather sealing of the PC joints on prefabricated buildings.
- Non-corrosive bonding and sealing of marbles, granite and other natural stones.
- Bonding and sealing the joints of artificial marbles, sandwich panels, GRC panels, ceramic tiles, aluminum panels, aluminum-plastic panels, steel panels, PC panels and other curtain wall materials.

SPECIFICATIONS

Guibao MS1097L is designed to meet or even exceed the requirements of JC/T881-2001

STORAGE AND SHELF LIFE

Guibao MS1097L should be stored in original unopened containers. It has a shelf life of 12 months from the date of manufacture.

LIMITATIONS

Guibao MS1097L should not be applied:

- As structural sealant
- To the materials that bleed oils , plasticizers or solvents, such as impregnated wood, oil-based caulks
- In totally confined spaces as sealant requires atmospheric moisture for cure
- To frost laden or damp surfaces
- For continuous water immersion
- When surface temperature below 4°C or over 50°C

HOW TO USE

Surface Preparation

Clean all joints removing all foreign matter and contaminants such as oil, grease, dust, water, frost, surface dirt, protective coatings.

Application Method

Install back-up materials or joint fillers, setting blocks, spacer shims, and tapes. Mask areas adjacent to joints to ensure neat sealant lines.

Apply Guibao MS1097L in a continuous operation using dispensing guns. Before a skin forms, tool the sealant with light pressure to spread the sealant against the backing materials and joint surfaces. Remove masking tape as soon as the bead is tooled.

SAFETY INFORMATION

- Guibao MS1097L is a chemical product, not edible, no implantation into body and should be kept away from children.

- Cured silicone rubber can be handled without any risk to health.
- Should uncured sealant contact with eyes, rinse thoroughly with water and seek medical treatment if irritation persists.
- Avoid prolonged exposure of skin to uncured sealant.
- Good ventilation is necessary for work and cure places.

TECHNICAL SERVICES

Complete technical information and literature, adhesion testing, compatibility testing and stain testing are available from Guibao.

DISCLAIMER

The information presented herein is offered in good faith and is believed to be accurate. However, because conditions and methods of using our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for intended specific applications.

Manufacturer

Chengdu Guibao Science and Technology Co., Ltd.

No.16,Xinyuan Road,Hi-tech Zone

Chengdu 610041, P.R.CHINA

Tel: +86 28 8531 1860

Fax:+86 28 8531 8066

E-mail:guibao@cnguibao.com

www.cnguibao.com