

CONSTRUCTION SILICONE

Guibao MS558 Sealant for window and door

FEATURES

- One part, neutral cure, excellent adhesion to a wide variety of substrates.
- Paintable after curing, compatible with suitable paint systems, good decorative effects.
- Non-staining .
- Excellent UV resistance.

COLOURS

Guibao MS558 is available in black, white and gray.

PACKAGING

Guibao MS558 is available in sausages (net 500ml).

BASIC USES

Guibao MS558 is specially formulated for

- Perimeter seal for aluminum, PVC, wood, steel and other windows and doors
- Window and door glass glazing.

TYPICAL PROPERTIES

Item	Technical Data	Testing Method
Appearance	Paste	Visual
Density(g/cm ³)	1.60	
Extrusion rate(4mm,0.2MPa), ml/min	852	
Slump	Horizontal, mm	0
	Vertical, mm	No deformation
Tack free time, min	60	
Elastic recovery rate, %	65	
23 °C Tensile module, MPa	0.5	
Tensile properties at maintained extension	No failure at 60% extension	GB/T 13477
Adhesion/cohesion properties at variable temperatures	No failure	
Tensile properties at maintained extension after water immersion	No failure	
TVOC Content	20.4g/L	GB 18583-2008

These values could not be used as product standards

*GB: Chinese National Standard

SPECIFICATIONS

Guibao MS558 is designed to meet or even exceed the requirements of GB/T 14683-2017.

STORAGE AND SHELF LIFE

Guibao MS558 should be stored in original unopened containers. It has a shelf life of 9 months from the date of manufacture.

LIMITATIONS

Guibao MS558 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 MS558 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 MS558 is a chemical product, not edible, no implantation into body and should be kept away from children.
- Cured sealant 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.

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