

GB 995 Silicone Sealant For Total Vision System

High performance acetoxy cure sealant ideally suited for total vision systems and spider –fixed curtain walls

FEATURES

- One part, fast cure
- Outstanding weatherability
- Excellent resistance to temperature extremes, virtually unaffected performance from $-50\text{ }^{\circ}\text{C}$ to $+150\text{ }^{\circ}\text{C}$
- Good compatibility with other neutral silicone sealants

COLOURS

GB 995 is available in translucent.

SPECIFICATIONS

GB 995 complies with ASTM C 1184-05.

PACKAGING

GB 995 is available in cartridges (net 300ml), every 24 pieces to a carton.

BASIC USES

GB 995 Silicone Sealant for Total Vision System is a high performance silicone sealant specially designed for

- Weather seal in spider fixed curtain walls and total vision systems
- Art glass seal and bonding
- Glass joint seal

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications

Test Method	Property	Unit	Standard	Result
ASTM C 639	Slump	mm	≤ 4.8	0
ASTM C 603	Extrusion rate	s	≤ 10	1.9
ASTM C 679	Tack free time	h	≤ 3	0.4
ASTM C 661	Hardness	Shore A	20~60	32
ASTM C 1135	Tensile strength	MPa	≥ 0.345	0.45
ASTM C 792	Heat aging			
	chalking		Nil	Nil
	cracking		Nil	Nil

*ASTM: American Society for Testing and Materials

STORAGE AND SHELF LIFE

GB 995 should be stored at or below $27\text{ }^{\circ}\text{C}$ in original unopened containers. . It has a shelf life of 12 months from the date of manufacture.

LIMITATIONS

GB 995 should not be applied:

- To 4-sided and 2-sided curtain walls
- 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
- For metal coated glass glazing

HOW TO USE

Surface Preparation

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

Application Method

Mask areas adjacent to joints to ensure neat sealant lines. Primer is generally not required for non-porous surfaces, but may be necessary for optimal seal performance of certain porous surfaces. So adhesion testing is always recommended.

Apply GB 995 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

- GB 995 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 silicone sealant contact with eyes, rinse thoroughly with water and seek medical treatment if irritation persists.

- Avoid prolonged periods of exposure of skin to uncured silicone sealant.
- Good ventilation is necessary for work and cure places.

TECHNICAL SERVICES

Complete technical information and literature, adhesion testing and compatibility 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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