



## *technical data sheet*

# GLAZING SILICONE

## Glass and Window Silicone Sealant

### PRODUCT

Glazing Silicone is a high performance, acetic (acetoxo) cure, ultraviolet resistant one component silicone sealant.

### DESCRIPTION

Bostik Glazing Silicone is an industrial grade, acetic cure sealant designed specifically for sealing and waterproofing all types of windows and frames, ideally used for glass and glazing.

### RECOMMENDED USES

- Installation of aluminium windows between glass and aluminium
- Sealing around skylights and light fittings
- Construction of glass display cabinets
- Sealing of glass blocks and some plastics

### FEATURES & BENEFITS

- UV light resistant
- Waterproof
- Suitable for interior and exterior applications
- Highly flexible
- Permanently elastic

### PERFORMANCE PROPERTIES

Typical properties after 7 days cure at 25°C and 50% RH.

TEST	RESULT
Tooling time	3 - 5 minutes
Tack free time (Per Fed. Spec. TTS001543A)	1 hour
Cure time (to 10mm depth @ 23°C & 50% RH)	5 - 7 days
Application range	10°C to 60°C
Service Temperature	- 62°C to 177°C
Hardness shore A (ASTM D-2440)	28
Tensile strength (ASM D-412)	320 psi (23 kg/cm <sup>2</sup> )
Sag, slump (Per TT-S-001543A)	0.1
Specific gravity	1.05 Approx.
Cure method	Acetoxo
UV and ozone resistance	Excellent
Joint movement	± 25%
Chemical Resistance	Good

### PACKAGING

Bostik Glazing Silicone is available in 300ml cartridges.

### COVERAGE

Approximately 13 lineal metres per 300ml cartridge based on an average joint size of 5mm depth and 5mm width.

### APPLICATION INSTRUCTIONS

#### Surface Preparation:

- Surfaces to be sealed must be clean, dry and free of wax, grease or any loose or flaking paint.

#### Application

- Use masking tapes each side of joint to simplify clean up, to protect surfaces and to ensure a neat job. Complete all painting before applying.
- Insert a sealant support material such as polyurethane foam into deep joints or gaps to ensure sealant depth is no greater than 15 mm.
- Cut nozzle at 45° angle to desired thickness. Cut diaphragm on cartridge. Insert cartridge into caulking gun. Hold gun at 45° angle with nozzle in contact with both sides of joint. Apply by pushing sealant ahead of nozzle, thus ensuring sealant is pushed firmly into place.
- Smooth off before skin forms (within 15 minutes). Remove excess sealant immediately with a cloth dampened with mineral turpentine. If used, remove masking tape immediately sealant tooling is complete. Sealant surface skins in less than 10 minutes and is touch dry in one hour.
- Cured sealant can be removed by trimming with a sharp blade but avoid under cutting seal.
- After use, cured plug will form in cartridge nozzle, before re-using remove plug and extrude sealant.
- Entire cartridge contents should be used within 12 months.

### PRIMING

On most surfaces, no priming is required

### MIXING

Ready to use straight from the cartridge, no mixing required.

### PRECAUTIONS

- Not recommended for structural glazing
- For porous surfaces the use of a primer is recommended (consult Bostik)
- Ensure all glass and substrate surfaces are clean
- Not recommended for sealing porous surfaces
- Do not use on metals that contain zinc or copper
- Not suitable for aquariums
- Does not contain anti-fungal properties
- Do not use on marble or granite as staining may occur
- Do not use on laminated glass
- Do not use as automotive windscreen sealant
- Do not use in chlorinated water such as swimming pools, spas etc.

## PAINTABILITY

Bostik Glazing Silicone is not paintable.

## P.A.T.S (Pretested Adhesion To Substrate) Programme

Bostik offer a service in which a program has been established to eliminate potential field problems by pre-testing Bostik adhesives with samples of building materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information.

## HEALTH AND SAFETY

- On contact, uncured sealant causes irritation.
- Gloves and protective goggles must be worn during application and use.
- Avoid contact with skin, eyes and avoid breathing in vapour.
- Wear protective gloves when mixing or using
- If poisoning occurs, contact a doctor or Poisons Information Centre.
- If swallowed, do not induce vomiting. Give a glass of water.

- If skin contact occurs, remove contaminated clothing and wash skin thoroughly for a minimum of 15 minutes and see a doctor.
- For more detailed information refer to Material Safety Data Sheet.

## CLEAN-UP

Wipe off excess sealant immediately and clean up with mineral turpentine.

## STORAGE

- Store inside where possible out of direct sunlight and heat.
- Store below 25°C
- Shelf life is 12 months in unopened container when stored below 25°C.

## FIRE

Bostik Glazing Silicone Sealant is non-flammable.

## GLAZING SILICONE SEALANT

ITEM NO.	STOCK SIZE	COLOUR
241598	300ml Cartridge	Translucent
241571	300ml Cartridge	Black

*The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik Findley Australia Pty Ltd be liable to anyone except for replacement of the products or refund of the purchase price.*

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