



Technical Data Sheet

Date: 6 March 2012



GLAZING SILICONE

GLASS & WINDOW 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 AND BENEFITS

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

PRECAUTION

- 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.

PRIMING

On most surfaces, no priming is required

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PAINTABILITY

Bostik Glazing Silicone is not paintable.

PROPERTIES

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 ²)
Sag, slump (Per TT-S-001543A)	0.1
Specific gravity	1.05 Approx.
Cure method	Acetoxy
UV and ozone resistance	Excellent
Joint movement	± 25%
Chemical Resistance	Good

COVERAGE

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

PACKAGING

Bostik Glazing Silicone is available in 300ml cartridges.

APPLICATION**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 10 minutes).
- Remove excess sealant immediately with a cloth dampened with mineral turpentine. If used, remove masking tape as soon as 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 month
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STORAGE

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

Bostik Glazing Silicone Sealant is non-flammable.

CLEANING

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

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.
 - Full details are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that the appropriate Safety Data Sheets are read by all concerned. Visit www.bostik.co.nz for copies.
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VERSION

V1

6 March 2011

Localisation