



S570

GLASS'N'SEAL SILICONE A LOW MODULUS GLAZING AND ALL-ROUND ACETOXY SILICONE SEALANT

TECHNICAL DATA SHEET

BENEFITS

- Perfect toolability
- Suitable for BREEAM applications
- Perfect adhesion without primer to glass, painted wood, ceramic and enameled substrates
- Excellent resistance to UV, water and weather
- Permanently elastic

PRODUCT DESCRIPTION

Bostik S570 GLASS'N'SEAL SILICONE A is a versatile acetoxy silicone sealant for glazing joints, which cures under influence of humidity to form a durable elastic rubber. **Bostik S570 GLASS'N'SEAL SILICONE A** fulfil BREEAM specifications mentioned in chapter 'Health and Wellbeing', Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels (products).

APPLICATIONS

Bostik S570 GLASS'N'SEAL SILICONE A is specially developed for durable elastic sealing of joints in glazing applications.

DIRECTIONS OF USE

A joint with the correct dimensions is able to absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6mm.



TECHNICAL DATA

100 % modulus	DIN 53504 S2	0,27 N/mm ²
Application rate	@ Ø3 mm/6,3 bar	125 g/min
Application temperature		+5°C to +40°C
Base		Acetoxy Silicone
Curing time	@ +23°C/50% RH	2 mm/24 hours
Density	ISO 1183-1	1,02 g/ml
Elongation at break	DIN 53505/ ISO 868	650%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to -15°C
Joint movement		20%
Shore A hardness	DIN 53505 / ISO 868	21
Skin formation	DBTM 10.00	5 - 6 minutes @ +23°C/50% RH
Tensile strength	DIN 53504	1,80 N/mm ²

These values are typical properties and may vary +/-3%

LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable for applications on concrete, marble, lead, copper and galvanized steel

SURFACE PREPARATIONS AND FINISHING

Application temperature + 5°C to + 40°C (applies to environment and substrates). All substrates must be solid, clean and free of grease and dust. Clean substrates with **Bostik T100 UNIVERSAL CLEANER**. **Bostik S570 GLASS'N'SEAL SILICONE A** adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with **Bostik T300 UNIVERSAL PRIMER**. Always test adhesion prior to application. Use **Bostik T500 FINISHING SOAP** to smooth the joint.

PAINTABILITY

Bostik S570 GLASS'N'SEAL SILICONE A is not paintable. We recommend covering the edges of the joint with masking tape to prevent surfaces that need to be painted from being contaminated by silicone

CLEANING

Tools should be cleaned after use with water. Hands can be cleaned with **Bostik T150 CLEANING WIPES** and/or water and soap.

COLOUR(S)

- White
- Transparent
- Silver Grey
- Black

PACKAGING

- 300 ml cartridges, 12 per box

For product specifications, please refer to the Online Product Detail Page

SHELF LIFE

In unopened original packaging between + 5°C and + 25°C, shelf life is up to 24 months from production date, stored in a dry place.

HEALTH & SAFETY

Product Safety Data Sheet must be read and understood before use. These are available on request and via the websites.

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CERTIFICATIONS

- Emission EC1 Plus
- EN 15651-1: F-EXT-INT-CC 20LM
- EN 15651-2: G-CC 20LM
- A+ French VOC Regulation

BREEAM

BREEAM is the world's leading sustainability assessment method for master planning projects, infrastructure and buildings. It recognises and reflects the value in higher performing assets across the built environment lifecycle, from new construction to in-use and refurbishment.

Bostik is able to support the BREEAM international scheme to provide independent third party certificates, as we can do for this product the **Bostik S570 GLASS'N'SEAL SILICONE A**. Due to the EC1 Plus, Bostik can provide the required 'proof' accordingly the Hea 02 Indoor Air Quality, regarding volatile organic compound (VOC) emission levels.

BOSTIK SMART SUPPORT

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