



S780

GLASS'N'SEAL PREMIUM

PREMIUM GRADE NEUTRAL SILICONE SEALANT FOR GLAZING & WEATHER SEALING

TECHNICAL DATA SHEET

BENEFITS

- Suitable for weather sealing in structural glazing projects
- Compatible with silicone secondary sealants
- Neutral curing system
- Matt finish
- Slow skin formation, perfect toolability
- Suitable for PMMA and PC, no stress cracking
- Excellent UV, water and weather resistant

PRODUCT DESCRIPTION

Bostik S780 GLASS'N'SEAL PREMIUM is a low modulus matt finish durable and neutral curing silicone for all kind of glazing applications.

APPLICATIONS

Bostik S780 GLASS'N'SEAL PREMIUM is specially developed for durable elastic sealing of connection and expansion joints in curtain wall constructions, glazing systems and weather sealing. **Bostik S780 GLASS'N'SEAL PREMIUM** is also perfectly suitable for sealing Polymethylmethacrylate (PMMA) and Polycarbonate (PC) sheet material.

Compatibility of the edge seals of insulation glass with glazing sealants cannot be guaranteed by the supplier of the sealant, as the composition of the edge seals can be changed by the producer without notice. Any advice on the compatibility of glazing sealants to the edge seals of insulation glass is based on experience and therefore not guaranteed.

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	0,40 N/mm ²
Application rate	@ Ø3 mm/6,3 bar	100 g/min
Application temperature		+5°C to +40°C
Base		Neutral Silicone
Density	ISO 1183-1	1,40 g/ml
Elongation at break	DIN 53505/ ISO 868	750%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to - 15°C
Joint movement		25%
Shore A hardness	DIN 53505 / ISO 868	24
Skin formation	DBTM 10.00	30 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +120°C
Tensile strength	DIN 53504 S2	1,65 N/mm ²

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

LIMITATIONS

- Not suitable for PE, PP, PTFE, soft plastics, neoprene and bituminous substrates

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 S780 GLASS'N'SEAL PREMIUM** 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 S780 GLASS'N'SEAL PREMIUM 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
- Grey
- Black

PACKAGING

- 300 ml cartridges, 12 per box
- 600 ml sausages, 12 per box

SHELF LIFE

In unopened original packaging between +5°C and +25°C, shelf life is up to 12 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.

CERTIFICATIONS

- EN 15651-1: F-EXT-INT-CC 25LM
- EN 15651-2: G-CC 25LM
- A+ French VOC Regulation

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Bostik Benelux BV
Denariusstraat 11 • NL-4903 RC Oosterhout
Tel.: +31 (0)162 491 000
www.bostik.com

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Smart help digital
[Bostik.com/](https://www.bostik.com/)

Smart help
+31 (0)162 491 000

