



S301

SILICONE CLASSIC UNIVERSAL LOW MODULUS PERIMETER SILICONE SEALANT

TECHNICAL DATA SHEET

BENEFITS

- Excellent resistance to UV, water and weather
- Perfect adhesion to glass, painted wood, ceramic and enamelled
- Permanently elastic
- Colourfast

PRODUCT DESCRIPTION

Bostik S301 SILICONE CLASSIC is a versatile acetoxy silicone sealant for expansion and construction joints that cures by reacting to moisture to form a durable elastic rubber seal. The product is UV and weather resistant.

APPLICATIONS

Bostik S301 SILICONE CLASSIC is specifically developed as a universal sealant for sealing construction and expansion joints.

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 10mm is 1:1, with a minimum of 5mm in width and depth. For joints wider than 10mm, the depth is the width divided by 3 plus 6mm.



TECHNICAL DATA

100 % modulus	DIN 53504 S2	0,28 N/mm ²
Application temperature		+5°C to +40°C
Base		Acetoxy Silicone
Curing time	@ +23°C/50% RH	2 mm/24 hours
Density	ISO 1183-1	0,97 g/ml
Elongation at break	DIN 53505/ ISO 868	410%
Frost resistance during transportation		Up to - 15°C
Shore A hardness	DIN 53505 / ISO 868	11
Skin formation	DBTM 10.00	10-12 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +120°C
Tensile strength	DIN 53504 S2	0,75 N/mm ²
Application temperature		+5°C to +40°C

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, dry, and free of grease and dust. Clean substrates with Bostik Cleaner. **Bostik S301 SILICONE CLASSIC** adheres perfectly without the use of a primer to most non-porous substrates. Porous substrates to be pre-treated with Bostik Primer. Always test adhesion prior to application. Use Bostik Finisher to smooth the joint.

PAINTABILITY

Bostik S301 ACETOXY GP SILICONE 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

Uncured material and tools can be cleaned by using Bostik Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Bostik Wipes.

COLOUR(S)

- Transparent
- Black
- White
- Grey

PACKAGING

- 280 ml Cartridge, 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 18 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

- F-EXT-INT-CC
- G-CC
- A+ French VOC Regulation

The information and recommendations relating to the application and end-use of the product are given in good faith and based on tests which we believe to be reliable. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. However, no warranty in respect of merchantability or fitness for a particular purpose, nor any liability arising out of any legal relationship, whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. No guarantee of their accuracy can be made because of the great range of field conditions and variation encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with limited warranty only, and on condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik be liable to anyone except for replacement of the products or refund of the purchase price.

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