



# BOSTIK



## S 301

### SILICONE CLASSIC

Universal Low modulus perimeter silicone sealant

#### SMART ADVANTAGES

- Excellent resistance to UV, water and weather
- Perfect adhesion to glass, painted wood, ceramic and enameled surface
- Permanently elastic
- Colourfast
- Available in Transparent, Black & White colours

#### DESCRIPTION

Bostik S301 SILICONE CLASSIC is a versatile acetoxysilicone 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.

#### RECOMMENDED USES

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

#### TECHNICAL CHARACTERISTICS

PROPERTIES	VALUES	TEST STANDARDS
100 % modulus	0.28 N/mm <sup>2</sup>	DIN 53504 S2
Application temperature	+5°C to +40°C	
Base	Acetoxysilicone	
Curing time	2 mm/24 hours	@ +23°C/ 50% RH
Density	0.97 g/ml	ISO 1183-1
Frost resistance during transportation	Up to - 15°C	
Shore A Hardness	≈ 11	ASTM C661
Elongation at Break	≈ 410%	DIN 53505/ ISO 868
Tack free time	10-12 minutes	@ +23°C/ 50% RH
Temperature resistance	-40°C to +120°C	
Tensile strength	0.75 N/mm <sup>2</sup>	DIN 53504 S2

#### APPLICATION

##### DIRECTIONS OF USE

A joint with the correct dimensions can 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 (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.

##### 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 PREPARATION 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 SILICONE CLASSIC 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.

## PACKAGING

260 ml cartridges, 25 cartridges per box.

## STORAGE & 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

Suitable protection clothing, dust masks, gloves, eye protection and recommended PPR should be worn. Continual or extended contact can cause skin irritation. If skin irritation occurs, flush skin with water for a minimum of 15 minutes. If irritation persists, call for medical assistance immediately. Product Safety Data Sheet must be read and understood before use. These are available on request and via the websites.

The application recommendations are defined by standards of use. They are imperative to respect them, but they don't need a previous try, especially for the first use or particular inconvenient of support, site or environment. Consult our safety data sheet for precautions to use.

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### DISCLAIMER

Bostik offers this Technical Data Sheet ("TDS") for descriptive and informational use only. It is not a warranty, a contract or a substitute for expert or professional advice. Please also see the local product Safety Data Sheet for health and safety considerations.

The statements, technical information, data, and recommendations contained in this TDS are provided 'AS IS' and are not warranted or guaranteed in any way. They represent typical results for the products and are based on Bostik's research only. Since the conditions and methods of use of the products are beyond our control, Bostik expressly disclaims any and all liability and damages of whatever kind or nature that may arise from any use of the products, the results therefrom, or reliance on the information contain herein.

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