

# S731

## SILICONE PREMIUM ACETOXY SILICONE SEALANT FOR GLAZING AND FAÇADE JOINTS

### TECHNICAL DATA SHEET

#### BENEFITS

- Excellent toolability
- EC1 Plus certified
- Excellent resistance to UV, water and weather
- Excellent adhesion to glass, painted wood, ceramic, enameled substrates
- Highly mould resistant
- Colourfast
- Fast skin formation

#### PRODUCT DESCRIPTION

**Bostik S731 SILICONE PREMIUM** is an acetoxy silicone sealant which cures by reacting to moisture to form a durable elastic rubber. The product is UV and weather resistant.

#### APPLICATIONS

**Bostik S731 SILICONE PREMIUM** was specifically developed for top sealing in glazing systems (1) and for connection joints in buildings.

#### Remark (1)

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. 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 6 mm.



#### TECHNICAL DATA

100 % modulus	DIN 53504 S2	0,41 N/mm <sup>2</sup>
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	1,03 g/ml
Elongation at break	DIN 53504 S2	565%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		Up to - 15°C
Joint movement		20%
Shore A hardness	DIN 53505	20
Skin formation	DBTM 16	5 - 6 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +180°C
Tensile strength	DIN 53504 S2	1,70 N/mm <sup>2</sup>
Viscosity		85

*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 from grease and dust. Clean substrates with Cleaner. **Bostik S731 SILICONE PREMIUM** adheres perfectly without the use of a primer to most non porous substrates, like glass, painted wood, ceramic and enamelled. Always test adhesion prior to application. Use Finisher to smooth the joint.

## PAINTABILITY

**Bostik S731 SILICONE PREMIUM** is not paintable. We recommend covering the edges of the joint with masking tape to prevent surfaces that will be painted from being contaminated by silicone.

## CLEANING

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

## COLOUR(S)

- Black
- Transparent
- Grey
- White

## PACKAGING

- 280 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 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.

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.

## Bostik

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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

## WARRANTY & GUARANTEE

Bostik Benlux warrants that its product complies, within its shelf life, to its specification.

## BOSTIK SMART SUPPORT

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