



S945

SILICONE FOOD SAFE NEUTRAL PREMIUM SILICONE SEALANT FOR FOOD CONTACT

TECHNICAL DATA SHEET

BENEFITS

- ISEGA food contact approval: suitable for use in the food industry
- Excellent resistance to UV, water and weather
- Perfect adhesion
- Permanently elastic
- Neutral curing
- Highly mould resistant
- Wide colour availability

PRODUCT DESCRIPTION

Bostik S945 SILICONE FOOD SAFE is a dedicated premium quality silicone sealant for use in areas with food contact. **Bostik S945 SILICONE FOOD SAFE** is ISEGA certified.

APPLICATIONS

Bostik S945 SILICONE FOOD SAFE is specifically developed for durable elastic sealing of joints in kitchens and in areas where food is processed and/or stored, such as cold rooms, food containers etc.

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	0,27 N/mm ²
Application rate	@ Ø3 mm/6,3 bar	140 g/min
Application temperature		+5°C to +40°C
Base		Neutral 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	635%
Frost resistance during transportation		Up to - 15°C
Shore A hardness	DIN 53505 / ISO 868	16
Skin formation	DBTM 10.00	7-8 minutes @ +23°C/50% RH
Temperature resistance		-40°C to +120°C
Tensile strength	DIN 53504 S2	1,10 N/mm ²

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

LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, neoprene and bituminous substrates.
- Not applicable on natural stone. Bostik recommends for natural stone applications to use the BOSTIK S960 SILICONE NON-STAINING.
- Discoloration can occur in dark places and by contact with chemicals.

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 T100**

UNIVERSAL CLEANER. **Bostik S945 SILICONE FOOD SAFE** 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 **Bostik T500 FINISHING SOAP** to smooth the joint

PAINTABILITY

Bostik S945 SILICONE FOOD SAFE 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. Cured material can only be mechanically removed.

COLOUR(S)

- White
- Crème
- Transparent
- Transparent Grey
- Silver Grey
- Grey
- Manhattan Grey
- Aluminium
- Anthracite
- 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 12 months from production date, stored in a dry place.

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HEALTH & SAFETY

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

CERTIFICATIONS

- ISEGA
- EN 15651-1: F-EXT-INT-CC 25LM
- EN 15651-3: S XS1
- ASTM C-920
- A+ French VOC Regulation



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