



# S551

## ROOF 'N' SEAL GUTTER SILICONE NEUTRAL SILICONE FOR ROOFING AND GUTTER SEALING

### TECHNICAL DATA SHEET

#### BENEFITS

- Well adhering to all roof & gutter and other general construction substrates
- Non-discoloring & non-fading even prolong exposure to UV and weather
- Permanently elastic
- Neutral cure, non-corrosive to metallic surfaces

#### PRODUCT DESCRIPTION

**Bostik S551 ROOF 'N' SEAL GUTTER SILICONE** is single component, low modulus, neutral curing silicone that provides excellent adhesion to many common substrates especially all roofing and gutter substrates.

#### APPLICATIONS

**Bostik S551 ROOF 'N' SEAL GUTTER SILICONE** was specifically developed for metal roofing system, plumbing roofing system, metal water tanks, spouting/flashing and downpipes, skylights, metal and PVC flues and extraction units, pipe or sprinkler system penetrations, air conditioning ducting & sheet-fabrications and general purpose sealant for building materials

#### 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		
<b>100 % modulus</b>	DIN 53504 S2	0,32 N/mm <sup>2</sup>
<b>Application temperature</b>		+5°C to +40°C
<b>Base</b>		Neutral Silicone
<b>Curing time</b>	@ +23°C/50% RH	2 mm/24 hours
<b>Density</b>	ISO 1183-1	0,99 g/ml
<b>Movement Capability</b>	ASTM C 719	±25%
<b>Shore A hardness</b>	ASTM C661	22
<b>Elongation at Break</b>	ASTM D412	500%
<b>Tack free time</b>		6 minutes @ +23°C/50% RH
<b>Temperature resistance</b>		-50°C to +150°C
<b>Tensile strength</b>	ASTM D412	1,30 N/mm <sup>2</sup>

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

#### LIMITATIONS

- Not suitable for aquariums and terrariums
- Discoloration can occur in dark places and by contact with chemicals
- Not suitable for PE, PP, PC, PMMA, 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, dry, and free of grease and dust. Clean substrates with Bostik Cleaner **Bostik S551 ROOF 'N' SEAL GUTTER SILICONE** adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Bostik Universal Primer. Always test adhesion prior to application. Use Finisher to smooth the joint.

## PAINTABILITY

**Bostik S551 ROOF 'N' SEAL GUTTER 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

Tools should be cleaned after use with water. Hands can be cleaned with Bostik Wipes and/or water and soap. Cured material can only be mechanically removed.

## COLOUR(S)

- Clear
- White

## PACKAGING

- 260 ml cartridges, 25 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.

## 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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