



ROOF AND GUTTER SILICONE

PREMIUM 100% SILICONE SEALANT

Date: 16 December 2019

YOUR SMART ADVANTAGES

- Neutral cure
- Good adhesion
- Stays permanently flexible
- Joint movement capability of $\pm 25\%$
- Excellent UV resistance
- Excellent weather resistance

USES

- Metal roofing systems
- Plumbing applications
- Metal water tanks (not immersion)
- Spouting, flashings and down pipes
- Lap joints in Zinalume®, Colorbond® and other decorative sheet metal
- Skylights
- Metal and PVC flues/extraction units
- Air conditioning ducting
- Sheet metal fabrication

PRODUCT CHARACTERISTICS

Colour	Translucent
Tack Free Time	5 to 10 minutes
Cure rate	2 – 3mm/24hours
Sag or slump	Nil
Coverage	Approximately 15 lineal metres for a 5mm bead
Product code 300ml cartridge/20 per carton	
Translucent	30804193

TYPICAL PERFORMANCE DATA (approx.)

Shore "A" hardness	30
Elongation	350% minimum
Modulus (M100)	$>0.4\text{N/mm}^2$
Tensile Strength (ASTM D-412)	1.5 MPa

Joint movement capability $\pm 25\%$ minimum

*Surface to be sealed must be dry and free from frost.

DIRECTIONS FOR USE

Silicones are not always compatible with plasticized sealants, bitumen and some backing rods. The incompatibility may cause discolouration, poor sealant cure or long-term degradation of the sealant. Always carry out compatibility tests where contact with potentially incompatible materials may occur.

SURFACE PREPARATION

Always ensure that the surfaces to be sealed are dry and free from oil, dirt and grease. Use the two wipe cleaning process for impervious substrates. Ensure the cloths are clean and changed frequently. Use a suitable cleaner such as Isopropyl Alcohol. Masking areas to be sealed gives a neater finish. A primer may be required for some substrates, consult your supplier for more information

APPLICATION

- Use masking tape when sealing joints to simplify clean up, to protect surfaces and ensure a neat job.
- Cut cartridge seal.
- Cut the nozzle at a 45° angle to the desired bead thickness. Screw nozzle onto cartridge and place cartridge into caulking gun bottom end first.
- For general sealing apply sealant in a continuous steady flow. Push the sealant ahead of the nozzle to completely fill the joint.
- Smooth off and remove masking tape before a skin forms (within 10 minutes).
- Remove excess sealant immediately using a cloth dampened with mineral turpentine.

LIMITATIONS

Bostik Roof and Gutter Silicone is NOT suitable for the following applications:

- Potable water application e.g. water collection off a roof.
- Totally confined spaces as the sealant requires atmospheric humidity to cure. It will not cure where it does not have access to atmospheric humidity.
- Aquariums
- Adhering mirrors

Bostik Roof and Gutter Silicone

LIMITATIONS (continued)

- Structural glazing
- Under water applications including swimming and spa pools
- Below grade applications
- All stone – staining may occur. Contact Bostik for recommendations.
- Trafficable areas
- Polycarbonate sheeting
- Sealant may discolour copper and brass
- Where painting is required. If painting is required, the use of paintable Simson Sealants is recommended.
- Do not clean or treat the silicone with materials, cleaning agents or solvent that may affect or discolour the silicone. This includes, but is not limited to, bleach containing cleaners, solvents and paint fumes. The silicone is especially vulnerable while curing.
- Oxime silicone sealant will tend to show a slight colour shift on ageing. This will not detract from the product performance.

CLEANING

Remove excess silicone using a polyethylene scraper and clean cloth dampened with mineral turpentine. Do not use Isopropyl Alcohol to clean around uncured sealant. Cured silicone can only be mechanically removed by cutting with a sharp blade (avoid undercutting the sealant).

STORAGE AND SHELF LIFE

Store in a cool dry place below 25°C and out of direct sunlight. The product is best used 18 months from the date of manufacture when stored as directed.

DISPOSAL

Empty containers may be disposed via local landfill. If spilt, absorb with clay, sand or earth. Collect and seal in properly labelled metal container. Dispose of according to local authority regulations. Do not dispose of down drains or into local waterways.

PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit www.bostik.co.nz for copies.

Bostik Roof and Gutter Silicone is not classed as Dangerous Goods. The product however, should be used in accordance with good occupational, health and safety practices.

May cause irritation if swallowed, moderately irritating to eyes, vapour may cause irritation during the cure stage (if vapour in high concentrations). Use in a well ventilated area as it releases methyl ethyl ketoxime and methanol until fully cured. Do not swallow and avoid prolonged or repeated contact with the skin. If contact with the eyes occurs, wash eyes with copious quantities of water and consult a doctor if irritation persists.

For emergency information contact the National Poisons Information Centre, phone 0800 764 766 (0800 POISON) or CHEMCALL, phone 0800 243 622.

BOSTIK HOTLINE

Smart help 0508 222 777



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