



Plumbers Silicone S310

NEUTRAL CURING SILICONE FOR ROOF & GUTTER

TECHNICAL SHEET 08/01/2026

SMART ADVANTAGES

- Excellent adhesion to most substrates
- Easy application
- Maintains flexibility at wide temperature ranges
- Permanently flexible, even after curing
- Suitable for interior and exterior applications
- Unaffected by rain, snow, or extreme temperature change
- Weather resistant
- Non-corrosive

DESCRIPTION

Bostik Plumbers Silicone S310 is a high-modulus, neutral cure sealant designed for plumbing and general building applications. It cures to form a tough, flexible, and durable elastomeric rubber with excellent adhesion to a wide range of substrates including glass, aluminium, concrete, stone, plastics, and metals. This non-corrosive sealant remains flexible across wide temperatures and offers superior weather resistance for both interior and exterior use.

USES

- Sealing and caulking of plumbing joints and fittings
- Weatherproofing metal roofing, tanks, spouting, flashing, and downpipes
- Sealing in skylights, PVC and metal flues, and extractor units
- Air conditioning ducting and sheet metal fabrications
- General-purpose sealing of building materials such as steel, aluminium, glass, concrete, ceramic, and brick

PACKAGING

30633804	TRANS	300mL
30633809	GREY	300mL



PRODUCT CHARACTERISTICS

Appearance	Translucent & Grey
Cure method	Neutral (Oxime)
Application range	+10°C to +40°C

TYPICAL PERFORMANCE DATA

Skin time	15 ±5 mins
Full cure	5-7 days (10mm depth at 23°C and 50%RH)
Cure rate	2-3mm / day
Shore A hardness	25
Tensile strength	1.5MPa
Elongation	≥300%
Specific gravity	1.01
Performance range	-50°C to +170°C

USING PLUMBERS' SILICONE

Please read and understand the [Safety Data Sheet](#) before using this product. SDS can be acquired by visiting www.bostik.com.au.

TOOLS

Bostik **Plumbers Silicone** should be dispensed from the cartridge by means of a caulking gun.

PREPARATION

- Surfaces must be clean, dry, frost-free, and free from dust, oil, grease, old sealants, or any contaminants that may reduce adhesion.
- Use the two-wipe process for impervious substrates. Ensure the cloths are clean, changed frequently and use a suitable cleaner/solvent such as isopropyl alcohol.
- Most substrates do not require primer, but some may need priming to improve adhesion—contact Bostik technical services for guidance.
- Use masking tape each side of joint to simplify clean up, to protect surfaces and to ensure a neat job.
- Use a closed cell polyethylene backing rod, 25% larger than the joint width, to control joint depth where required.

APPLICATION

- Condition the product to room temperature before use.
- Cut the nozzle at a 45° angle to suit the joint width.
- Cut opening on cartridge and fix nozzle.
- Dispense using a caulking gun at 45° angle, ensuring the sealant is firmly pressed into the joint.
- Tool the joint with a clean, smooth spatula before skin forms.
- Remove masking tape before the sealant skins completely to ensure clean edges. Cured sealant can be removed by trimming with a sharpened blade.

The incompatibility of some substrates may cause some discoloration of sealant, poor sealant adhesion or long-term degradation of the sealant. Always carry out compatibility tests where potentially incompatible material occurs.

CLEANING

The use of protective goggles, barrier creams and ointments, gloves and protective clothing is recommended. Cured material can be removed by mechanical means only. Clean off uncured material and equipment immediately after use using **Bostik Handy Wipe** towels to remove adhesive from skin.

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PAINTABILITY

This silicone is **NOT PAINTABLE**.

If there is a requirement to paint the sealant, use a Bostik paintable silicone sealant or Bostik acrylic sealant product.

Silicones are not always compatible with plasticised sealants, such as butyls. Also note that some backing rods and tapes contain bitumen or other agents that are incompatible with the silicone.

Oxime silicone sealants will tend to display a slight colour shift with age.

LIMITATIONS

- Not recommended for use in confined areas without exposure to air as cure depends on atmospheric moisture.
- Not suitable for underwater or permanently submerged joints.
- Not recommended on bituminous surfaces, chloroprene rubber, or any surface that bleeds oils or plasticizers.
- Not suitable for all stones, structural glazing, adhering mirrors, composite panels, polycarbonate sheeting, below grade applications, Horizontal walkways and trafficable areas.
- May cause slight discoloration on some metals such as copper and brass.

STORAGE & SHELF LIFE

Store between 5°C and 25°C. If stored, unopened within these temperature ranges, this product has a shelf life of 12 months. Protect from excessive heat, moisture and freeze/thaw.

HEALTH & SAFETY

Full product safety information required for safe use is not included in this data sheet. Before handling, read the separate Safety Data Sheet (SDS) available at www.bostik.com.au

Always read the Technical Data Sheet and Safety Data Sheet before opening or using this product.

For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.

BOSTIK HOTLINE

1800 BOSTIK (267 845)

