



Roof & Gutter

100% PREMIUM ROOFING SILICONE

TECHNICAL SHEET 22/08/2023

SMART ADVANTAGES

- Excellent adhesion properties to wide variety of substrates
- Stays permanently flexible
- $\pm 25\%$ Joint movement capabilities
- Suitable for interior and exterior applications
- Unaffected by rain, snow, or extreme temperature change
- UV resistant
- Suitable for water potable applications
- Translucent and Grey tested to AS/NZS 4020
- Excellent shelf life

DESCRIPTION

Bostik Roof & Gutter is a premium one-component, mid-flex, neutral curing 100% silicone roof sealant, which provides excellent adhesion to many common substrates in plumbing and roofing applications.

USES

- Plumbing roofing applications
- Metal roofing systems
- Metal water tanks
- Spouting/flashing and downpipes
- Weather proofing applications
- Lap joints in Zinalume®, Colorbond® and other decorative sheet metal
- Skylights, metal and PVC flues and extraction units
- Pipe or sprinkler system penetrations
- Air conditioning ducting and sheet-metal fabrications
- General purpose adhesion and sealing for building materials such as steel, aluminium, glass, concrete, brick, ceramic, and terracotta

PACKAGING

30800828	TRANS	300mL
30840060	GREY	300mL



30840059	WHITE	300mL
30840061	BLACK	300mL
30840233	COTTAGE GREEN	300mL
30840448	MONUMENT	300mL
30840235	WOODLAND GREY	300mL
30840232	SURFMIST	300mL

PRODUCT CHARACTERISTICS

Appearance	8 colours
Cure method	Neutral (Oxime)
Coverage	Approx. 16 lineal m per 300ml cartridge, based on an average joint size of 6mm depth and 3mm width
Application range	+10°C to +40°C
VOC	Between 33-62g/L (colour dependant)

TYPICAL PERFORMANCE DATA

Skin time	5 mins approx.
Tack free time	30 mins approx. at 20°C (ASTM C679)
Full cure	5-7 days (10mm depth at 23°C and 50%RH)

Sag or Slump	Nil
Shore A hardness	20
Tensile strength	1.5mPa
Specific gravity	1.03
Performance range	-50°C to +170°C

USING BOSTIK ROOF & GUTTER

PLEASE READ AND UNDERSTAND THE SAFETY DATA SHEET BEFORE USING THIS PRODUCT. SDS CAN BE ACQUIRED BY VISITING WWW.BOSTIK.COM.AU.

TOOLS

Bostik **Roof & Gutter** should be dispensed from the cartridge by means of a caulking gun.

PREPARATION

- Surfaces to be sealed must be clean, dry and free of wax, grease, cutting oils or any loose or flaking materials.
- Use the two-wipe process for impervious substrates. Ensure the cloths are clean, changed frequently and use a suitable cleaner/solvent such as 100% White Spirits.
- To achieve satisfactory adhesion, a primer may be required for some substrates. Consult Bostik for more information.
- 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

Cut nozzle at 45° angle to desired thickness. Cut opening on cartridge and fix nozzle. Insert cartridge into caulking gun. Hold at 45° angle with nozzle in contact with both sides of joint. Apply by pushing sealant ahead of nozzle, thus ensuring sealant is pushed firmly into place.

Tool off/smooth before skin forms (within 5 minutes). Remove excess sealant immediately using a cloth dampened with mineral turpentine. If used, remove masking tape before skinning has started.

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.

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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.

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. Refer to Technical Data Sheet of product for appropriate application and follow both the sealant and paint manufacturer's painting instructions carefully, when painting with these sealants.

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:

- Totally confined spaces; sealant requires atmospheric humidity to cure. It will not cure where it does not have access to atmospheric humidity.
- Aquariums
- Adhering mirrors (Bostik V60 can be used – test first)
- Structural Glazing (Bostik V70 – refer to Bostik guidelines first)
- Composite panels (Bostik recommends Bostik 5CLM – subject to test first)
- Under water applications (including swimming pools subject to substrate). Refer to Bostik technical department for recommendations on such applications
- Below grade applications
- All stone (Bostik recommends the completion of stain testing program before using any sealant on stone). Bostik 5CLM is recommended for marble and granite (after stain test)
- Horizontal walkways and trafficable areas
- Polycarbonate sheeting

BOSTIK HOTLINE

1800 BOSTIK (267 845)



- Sealant may discolour copper & brass
- Do not clean or treat the sealant with materials, cleaning agents or solvents that may affect or discolour the sealant, particularly during product curing.

STORAGE & SHELF LIFE

Store between 5°C-25°C in a dry, ventilated area, out of direct sunlight.

The shelf life of Bostik Roof & Gutter is 18 months from date of manufacture when stored in recommended conditions.

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.

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