



ROOF & GUTTER

100% PREMIUM ROOFING SILICONE

3 January 2018

YOUR 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
- Ultra violet resistant
- Suitable for water potable applications
- Translucent and Grey tested to AS/NZS 4020
- Excellent shelf life

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

PRODUCT CHARACTERISTICS

Colours & Codes

30800828	300ml Translucent
30840060	300ml Grey
30840061	300ml Black
30840059	300ml White
30840335	300ml Classic Cream®
30840234	300ml Manor Red®
30840233	300ml Cottage Green®
30840232	300ml Surfmist®
30840235	300ml Woodland Grey®
30840449	300ml Evening Haze®
30840450	300ml Basalt®
30840448	300ml Monument®
30804566	600ml Translucent
30840238	600ml Grey

Skin Time	5 minutes approx.
Tack Free Time @ 20°C (ASTM C679)	30 minutes approx.
Cure Time – 10mm depth @ 23°C & 50% RH	5–7 days
Sag or slump	Nil
Shore “A” hardness (ASTM D-2440)	20
Tensile strength (ASTM D-412)	1.5mPa
Specific Gravity	1.03
Cure Method	Neutral (Oxime)
Application Range	+10°C to +40°C
Performance Range	–50°C to +170°C

SURFACE 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.

APPLICATION

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.

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.

BOSTIK ROOF & GUTTER PREMIUM

APPLICATION (CONTINUED)

Tool off/smooth before skin forms (within 5 minutes). Remove excess sealant immediately using a cloth dampened with mineral turpentine or Bostik ZBond® R-40. 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.

COVERAGE

Approximately 16 lineal metres per 300ml cartridge based on an average joint size of 6mm depth and 3mm width.

SETTING TIME

Sealant will skin over within 5 minutes (subject to humidity in air – lower humidity will result in longer skin over time and cure and vice versa).

LIMITATIONS

Bostik Roof & Gutter Premium Silicone is ***NOT*** suitable for use in the following applications:

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 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

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

NOTE:

This silicone is **NOT PAINTABLE**.

If there is a requirement to paint the sealant, use a Bostik paintable silicone sealant or Bostik Fill-A-Gap acrylic sealant products. 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 plasticized 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.

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) and packaging for safe use. Always read the Technical Data Sheet and Safety

Data Sheet before opening or using this product.

In case of product emergency, refer to product liability or SDS and contact phone numbers. A copy of the product SDS is available from Bostik or its distributors.

FIRST AID: If poisoning occurs, contact a Doctor or Hospital

BOSTIK HOTLINE

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