

GENERAL PURPOSE SILICONE

NEUTRAL CURE SEALANT

14 November 2017

YOUR SMART ADVANTAGES

- Excellent General Purpose Sealant
- Permanently flexible
- Suitable for interior and exterior applications
- Unaffected by rain, snow, extreme temperature change and constant ultra violet exposure
- Waterproof
- Excellent adhesion properties

DESCRIPTION

General Purpose Silicone is an industrial grade, neutral cure silicone sealant designed for sealing lap joints in metal guttering, aluminum, roofing, flashings and sown pipes. Specifically designed to meet Australian conditions.

USES

Metal Roofing Systems
Flashing & Down Pipes
Lap joints in Zinalume, Colourbond and other BHP decorative Sheet-metal
Skylights & Extraction Units
Pipe or Sprinkler System Penetrations
Air conditioning
Sheet-metal,
General purpose adhering & sealing, Building Materials, Steel, Aluminium, Concrete, Brick and Masonry
Block or Brickwork

PRODUCT CHARACTERISTICS

Typical properties after 7 days cure at 25°C and 50% RH.

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| Tooling time (at 20°C) | 3 - 5 minutes |
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| Tack free time (Per Fed. Spec TTS001543A) | 10 minutes |
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| Cure time (to 10mm depth @ 23°C & 50% RH) | 5 - 7 days |
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| Application range | 10°C to 60°C |
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| Temperature Performance | - 62°C to 177°C |
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| range | |
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| Hardness shore A (ASTM D-2440) | 28 |
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| Tensile strength (ASM D-412) | 200 psi (15 kg/cm ²) |
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| Sag, slump (Per TT-S-01543A) | Nil |
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| Specific gravity | 1.02 |
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| Cure method (Chemical type) | Neutral |
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| UV and Ozone resistance | Excellent |
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| Joint Movement | ± 25% |
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| 75g Tube 6 per unit | 30804562 |
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APPLICATION INSTRUCTIONS

Surface Preparation:

On grease or any loose or flaking paint. Surfaces to be sealed must be clean, dry and free of wax,

1. Complete all painting before applying. Use masking tape each side of joint to simplify clean up, to protect surfaces and to ensure a neat job. Complete all painting before applying.
2. Insert a sealant support material such as polyurethane foam into deep joints or gaps to ensure sealant depth is no greater than 10 mm.
3. Unscrew cap and pierce end of tube with reverse end of cap. Hold tube at a 45° angle and apply sealant.
4. Tool off smooth off before skin forms (within 10 minutes). Remove excess sealant immediately with a cloth dampened with mineral turpentine. If used, remove masking tape immediately sealant tooling is complete. Sealant surface skins in 10 minutes and is touch dry in 30 minutes.
5. Cured sealant can be removed by trimming with a sharp blade but avoid under cutting seal.
6. After use, replace cap. Entire contents should be use within 12 months.

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PRIMING

On metal, steel and non-porous surfaces primer is not required.

On porous or absorbent surfaces such as natural stone, granite etc, Primer must be used (consult Technical Department).

MIXING

Ready to use straight from the tube.

PAINTABILITY

Not paintable

FIRE

General Purpose Silicone is non-flammable.

PACKAGING

75g Blister Pack

STORAGE AND SHELF LIFE

When stored at or below 25°C **General Purpose Silicone** has a shelf life of 18 months from date of manufacture. All materials should be stored out of direct sunlight and under cover in a manner that will prevent damage preferably on pallets.

CLEAN-UP

Wipe off excess sealant immediately and clean up with mineral turpentine

IT IS IMPORTANT TO NOTE:

Oxime silicone sealants (both standard and sanitary grade versions containing fungicide) will tend to display a slight colour shift with age and exposure to ultraviolet light. Typically this colour shift, or yellowing, is not visually significant in the field. Also it is not necessarily confined to translucent coloured materials, and the fungicide itself does not have any adverse impact. This is a worldwide phenomenon affecting this cure type of silicone sealant.

Misapplication or contamination of an oxime sealant whilst curing will exacerbate the inherent condition. Specifically, chemical exposure to certain agents such as chlorinated cleaning solutions (ie, bleach), chemical solvents, and the fumes of some paints (enamel or solvent – containing types where not fully dried) may tend to magnify this yellowing change particularly where the sealant is still curing

HEALTH & SAFETY

- On contact, uncured sealant irritates skin and eyes and may cause sensitisation by skin contact.
- Use in well ventilated area as Methyl Ethyl Ketoxime and Methanol release during cure.
- Gloves and protective goggles must be worn during application and use.
- If swallowed, do not induce vomiting. Give a glass of water and see a doctor.
- If skin contact occurs, remove contaminated clothing and wash skin thoroughly for a minimum of 15 minutes.
- If poisoning occurs, contact a doctor or Poisons Information Centre (Australia 131126 & N.Z. 03 4747 000)
- For more detailed information refer to Material Safety Data Sheet available on www.bostik.com.au.

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PRECAUTION

Not recommended for use in horizontal walkways exposed to high abrasion (pedestrian traffic), in totally confined areas or below grade or in expansion joints that will encounter continuous water immersion.

Not to be used for structural glazing applications.

Not paintable.

Not to be used on extruded type polycarbonates or polyacrylates if they are under tension as stress cracking may occur.

Not recommended for below water line applications.

Do not apply to wet surfaces.

Recommendations and suggestions are for guidance only, since conditions of use are completely out of our control.

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

BOSTIK HOTLINE

Smart help 1800 898 551



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