



INDUSTRIAL SILICONE

PREMIUM 100% SILICONE SEALANT

Date: 26 March 2015

YOUR SMART ADVANTAGES

- High performance
- Neutral cure
- Good adhesion
- Stays permanently flexible
- Excellent UV resistance
- Excellent weather resistance
- Interior/exterior

USES

- Weather seals between glass and aluminium
- Backglazing between timber and glass
- Perimeter seals between aluminium window frames and brick and masonry
- Air seals in concrete panels
- General construction
- Marine work
- Industrial maintenance applications

PRODUCT CHARACTERISTICS

Colour	Clear, grey and white
Tack Free Time	6 minutes
Cure rate	5 – 7 days for 10mm depth
Sag or slump	Nil
Coverage	Approximately 15 lineal metres for a 5mm bead
Product code 300ml cartridge/20 per carton	
Clear	30804311
Grey	30804541
White	30804310

TYPICAL PERFORMANCE DATA (approx.)

Shore "A" hardness	27
Tensile	260psi
Joint movement	±25%

Application temperature	10°C to 40°C
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Service temperature*	-50 to 170°C
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* The maximum service temperature listed is for transient temperatures. The silicone sealant will deteriorate if subjected to high temperatures on a continuous basis.

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 Industrial Silicone is NOT suitable for the following applications:

- Totally confined spaces as the sealant requires atmospheric humidity to cure. It will not cure where

BOSTIK INDUSTRIAL SILICONE

LIMITATIONS (continued)

- it does not have access to atmospheric humidity
- Aquariums
- Adhering mirrors
- 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
- 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 Industrial 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



This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that cannot be excluded by legislation, for example under the Consumer Guarantees Act 1993. Sale of the product by Bostik is subject to the Bostik New Zealand Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.co.nz