



technical data sheet

BOSTIK KITCHEN & BATHROOM SILICONE

Neutral Cure Silicone Sealant

DESCRIPTION

Bostik Kitchen & Bathroom Silicone is a neutral (Ketoxime) curing sealant.

RECOMMENDED USES

Specially formulated to resist mildew even when exposed to prolonged hot and humid environments. The sealant does not provide or maintain a nutrient surface for fungus. It effectively seals glass, coated aluminium, wood, glazed ceramic tiles, fibreglass, vitreous enamel and most laminated surfaces. Ideal for sealing around bathtubs, shower stalls, wall fixtures, rimless sinks, kitchen and bathroom fixtures and may be used for ceramic tile grouting. **Bostik Kitchen & Bathroom Silicone** may be used both indoors and outdoors.

FEATURES & BENEFITS

- 100% Silicone Rubber
- Anti Fungal
- High flexibility
- Waterproof
- Low Odour
- Will not corrode galvanised/zinc coated steel or attack concrete

PERFORMANCE PROPERTIES

COLOUR	White / Translucent
Tooling / Skin Time	8-10 mins
Tack Free Time	10 mins @ 23°C
Cure Time (To 10mm depth @ 23°C & 50% RH)	14 days @ 23°C, 50% RH
Application Range	10°C to +60°C
Performance Range	-62°C to +180°C
Hardness Shore A (ASTM D-2440)	28
Tensile Strength (ASTM D-412)	810 Kpa
Sag, Slump	Nil
Specific Gravity	1.04
Cure Method	Ketoxime
UV and Ozone resistance	Excellent

PACKAGING

300ml plastic cartridges

PREPARATION

All surfaces must be clean, dry, free of voids, curing compounds, projections, loose materials, oil, grease, sealers and determined to be structurally sound before the application of **Bostik Kitchen & Bathroom Silicone**.

Priming is not required for glass or glazed surfaces.

APPLICATION

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.

Insert a sealant support material such as polyurethane foam into deep joints or gaps to ensure sealant depth is no greater than 10 mm.

Cut nozzle at 45° angle to desired thickness. Cut diaphragm on cartridge. Insert cartridge into caulking gun. Hold gun 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 with a cloth dampened with mineral turpentine. If used, remove masking tape immediately sealant tooling is complete. Sealant is touch dry in 30 minutes.

Cured sealant can be removed by trimming with a sharp blade but avoid under cutting seal.

After use, cured plug will form in cartridge nozzle, before re-using remove plug and extrude sealant.

Entire cartridge contents should be used within 12 months.

PRECAUTIONS

Bostik Kitchen & Bathroom Silicone is not recommended for:

- Structural Glazing
- Areas subject to permanent water immersion, ie swimming pools, spas, aquariums, etc. Should not be used in chlorinated water such as swimming pools, spas etc.
- Direct contact with bituminous or pitch based adhesives or membranes as bleed through discolouration will occur.
- Areas where physical abrasion is encountered.
- Not paintable

Tip

For granite, marble or porous masonry and stone materials, **Bostik Plumbseal** is recommended. **Plumbseal** is also paintable.

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.

P.A.T.S (Pretested Adhesion To Substrate) Programme

Bostik offer a service in which a program has been established to eliminate potential field problems by pre-testing Bostik sealants with samples of building materials to which the sealant will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. For further information consult a Bostik representative or freecall 1800 621 221 and ask for Technical Assistance.

- Use in well ventilated area as Methyl Ethyl Ketoxime and Methanol release during cure.

HEALTH AND SAFETY

- On contact, uncured sealant irritates skin and eyes and may cause sensitisation by skin contact.
- 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 131 126; NZ 03 4747 000) or a doctor at once.
- For more detailed information refer to Material Safety Data Sheet available on www.bostik.com.au.

CLEAN-UP

Bostik Kitchen & Bathroom Silicone can be cleaned with Mineral Turpentine before fully cured.

STORAGE

When stored at or below 30°C Bostik Kitchen & Bathroom Silicone has a shelf life of 12 months from date of manufacture. All materials should be stored under cover in a manner that will prevent damage preferably on pallets.

KITCHEN&BATHROOM SILICONE (NEUTRAL CURE)

ITEM NO.	STOCK SIZE
271071	300g cartridge Translucent
249912	300g cartridge White

The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik Australia Pty Ltd be liable to anyone except for replacement of the products or refund of the purchase price.

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Product:	Kitchen Bathroom Neutral Cure Silicone
Issue Date:	October 2003
Issue No:	2
Division:	Industrial

FOR FURTHER INFORMATION