



TECHNICAL DATA SHEET

Tradeseal Kitchen, Bathroom & Sanitary Silicone is an anti-fungal, non-diluted, high performance, UV-resistant neutral cure 100% silicone sealant. It is designed to be used in all aspects of aesthetic detailing; in particular, sealing joints or seams in ceramics, tile, plaster, metal and timber (natural or painted) in wet areas, food preparation areas and cool rooms. Conforms to AS/NZS4020.

Key Performance Properties:

- Antifungal
- Suitable for interior and exterior applications
- Unaffected by extreme temperature – hot or cold
- Excellent adhesion properties
- Permanently flexible
- Waterproof

Recommended Uses:

Tradeseal Kitchen, Bathroom & Sanitary Silicone is particularly effective in damp environments like bathrooms, laundries & kitchens, where there's a higher risk of fungal growth. It can be used for sealing areas around shower enclosures, bathtubs, basins, spas, sinks, exhaust fans, window frames (not paintable), metal fixtures (including shower frames), ceramic and other tiles (Natural stones must be pre-tested to ensure product does not stain).

Technical Data:

PROPERTY	VALUE
Curing System:	Neutral Oxime
Cure Time:	4.50mm – 1 day 6.00mm – 2 days 7.30mm – 3 days
Tack Free Time:	5 mins
Skin Time:	8 mins
Shore A Hardness:	28
Tensile Strength:	0.85 Mpa
Sag / Slump:	Nil
Specific Gravity:	1.01 g/ml
Movement Capability:	± 20%
Low VOC Compliance	Yes
VOC Content	≤ 100 60 g/kg
UV & Ozone Resistant:	Yes





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Surface Preparation:

- Ensure the substrate surface is clean and dry, devoid of dirt, grease, oil, flaking paint or water.
- Complete all painting before applying. **Note:** silicone sealant is not paintable.
- To protect surfaces and to ensure a neat job, use masking tape on each side of joint and remove within the working time.
- Insert a backing rod if depth of joint is excessive.

Product Application:

- Carefully cut the tip of the cartridge and then trim the nozzle to the required diameter, ideally at an angle between 45° to 60°.
- Insert cartridge into caulking gun.
- Apply the sealant in a single bead using a caulking gun.
- For a smooth finish, shape the bead of the sealant with a clean, dry tool while it's still workable and before skin forms.
- If applicable, remove masking tape immediately after tooling is complete.
- Wet sealants can be cleaned up with acetone or mineral spirits.
- Cured sealant can be removed by trimming with a sharp blade.

Health & Safety:

- On contact, uncured sealant may cause irritation.
- Avoid contact with skin and eyes and avoid breathing in vapour.
- Appropriate safety gear, including protective gloves, clothing, mask and eye protection is advised.
- If skin irritation or rash develops, seek medical advice and attention.
- Contaminated clothing should be removed and washed before reuse.
- Refer to material safety data sheet for more detailed information.
- Keep out of reach of children.

Product Limitations:

- Structural glazing
- Traffic areas subject to abrasion
- Polycarbonate and Polyacrylates
- Paintable applications

Packaging:

- 300ml - Cartridge
- Available in cartons of 12



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- Store out of direct sunlight and heat.
- Store below 25°C.
- Shelf life is 12 months in unopened container when stored below 25°C.

Notes:

We recommend all applications should be pre-tested to ensure results are to the expectation of the user. Adhesion to the substrate should be tested to ensure adequate adhesion and no staining occurs (particularly with natural stones).

The application, use and processing of our products is the responsibility of the user. Any technical or other advice, information or data provided by us, whether verbally, in writing or by way of trials or test is given without guarantee or warranty. Refer to the Material Safety Data Sheet for information on storage and handling, health and safety and transport.

