

# PLUMBERS SILICONE

## PLUMBERS SILICONE SEALANT



### Description

Plumbers Silicone - is a one part premium quality Neutral cure (non-acidic) silicone sealant. it is 100% Silicone sealant designed for Plumbers & Roofers to seal-Roofing, spouting guttering, Flashing, Wall cladding and Rainwater products. Plumbers Silicone - seals applications where long term reliability is required. It is unaffected by high and low temperatures and its superior physical properties are retained after many years of exposure.

### Applications

Plumbers Silicone - is recommended for use with Zinalume® Galvabond® Colourbond® and Marviplate® Plumber's Silicone - has potable water approval. Suitable for Sealing Roofing - Coated steel, Aluminium, Flashing, Spouting, Guttering, Metal Water tanks, Metal lap joints, Wall Cladding, Masonry Ceramic Tiles, Cement Roof tiles and Air-Conditioning units.

### Key Performance Properties

- **Silicone Sealant (Neutral Cure)**
- **One part Ready to Use**
- **Fast Curing**
- **Outstanding Weatherability**
- **Excellent Adhesion**
- **Easy Application**

### Specifications

Typical product data should not be used as specifications. Product specification sheets are available upon request from Sealants Australasia Pty Ltd.

PROPERTY	VALUE
CURE METHOD	Ketoxime (Neutral)
COLOUR	Trans, Grey.
SAG/SLUMP	Non-Slump (0.1")
HARDNESS (ASTM D2240)	28 Shore A
TENSILE STRENGTH	1.7 MPa
DYNAMIC JOINT MOVEMENT	±25%
SKIN TIME @25°C/50% RH	10 min
CURE TIME 10mm @25°C/50% RH	24 - 48 Hours
OPERATING TEMPERATURE	-62c to 180°
SPECIFIC GRAVITY	1.04

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### Application

Cut nozzle at 45\* angle slightly wider than the desire bead. Extrude sealant with a sealant gun. Tooling time is 10 minutes. When necessary to produce a neat appearance masking tape is recommended. This should be removed immediately after tooling before skin over forms. Uncured sealant should be cleaned off non-porous surfaces while in the uncured state.

### Surface Preperation

All surfaces must be clean, dry, sound and free from dust, oil, rust or any other contamination. Metals should be cleaned with a non -oily solvent. Solvent should be wiped from the surface with a clean dry cloth. For plastics contact the manufacturer for a recommended cleaning solvent.

### Storage/Shelf Life

The shelf life of Silicone N is 12 months if stored in a cool dry place. The storage temperature should not exceed 25°C as this will decrease shelf life.

### Limitation

Plumbers Mate - is not recommended for use: On submerged joints where porous substrates permit water to the bond interface. In aquarium and structural glazing, SA recommends SCS1200 sealant or Ultraglaze\* sealant. For certain rubber products where bleeding of plasticiser may occur. In horizontal walkways where sealant will be subject to abrasion. Can not be painted, as paint will not adhere to sealant. Should not be applied when substrate surface exceeds +50\*C. Not recommended for use on polycarbonate plastic. SA Multisil is recommended). Suitability for use on other types of plastic including extruded gutting profiles should be tested prior to application.

### Health And Safety

Contact with uncured product could irritate eyes. In case of eye contact immediately flush with water for 15 minutes and seek medical advise. use in well ventilated areas. Keep out of reach of children. Avoid contact with skin or clothing. This product emits Methyl ethyl Ketoxime (meko) whilst curing.

### Sealant Volume Calculator

Number of 300gm Cartridges =  
 $\text{Joint Width (mm)} \times \text{Joint depth (mm)} \times \text{Joint length (meter)} \times 1.15^* \text{ Divided by } 292$

*\* Please note: 1.15 Allows for 15% wastage. Joints are assumed rectangular*