

Plumbers

Neutral Cure

Silicone Adhesive / Sealant



Description

SA Plumbers Silicone Sealant is a one part, premium quality, oxime, neutral curing adhesive / sealant. It is an easy to use silicone designed for roofing, guttering, water tank manufacturing, industrial, automotive, marine, caravan and general sealing applications. It is used when long term reliability & applications where potable water approval is required. Weathering and UV resistance is excellent. It is unaffected by high and low temperatures and its superior properties are retained after many years of exposure.

Key performance Properties

- Non Slump
- One Part Ready To Use
- Outstanding Weatherability
- Excellent Adhesion
- Excellent UV Resistance
- As4020 Potable Water Approved
- 5 Star Voc Compliant

Applications

SA Plumbers is recommended for use with Zinalume®, Galvabond®, Colourbond®, and Marvplate® **SA Plumbers Silicone Sealant Is AS4020 Potable Water Approved.** suitable for sealing roofing, coated steel, aluminium, flashing, spouting, guttering, metal water tanks, metal lap joints, wall Cladding, masonry, ceramic tiles, cement roof tiles, air-Conditioning units and many other general applications.

Specifications

Typical data values should not be used as specifications. Please contact Sealants Australasia for further information. A thin bead of sealant will tolerate more movement than a thick bead. Joint width and depth should be no less than 4 mm. Maximum joint widths should not exceed 25mm. Joint depths should be half the width, with a maximum depth of 10mm. Polyethylene closed cell foam rod is the recommend backing material to provide the correct depth of joint. If the joint is too shallow, use a polyethylene tape bond breaker. Do not allow the silicone sealant to contact the back of the joint or any staining materials.

Property	Value
Cure Method	Neutral (Oxime)
Colours	Translucent, 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	5-10 min
Cure Time 10Mm @25°C/50% Rh	5-7 Days
Operating Temperature	-62c to 180°
Specific Gravity	1.04

Sealants Australasia Pty Ltd

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Application

Cut nozzle at 45 Degree angle to desired bead width, and apply to substrate with sealant gun and tool within 5-10 minutes. Uncured sealant can be cleaned up with mineral turpentine. Some surfaces may need a primer. If so, allow primer to dry before applying sealant. Use approved backing material for joints over 10mm deep. For a neat appearance to the joint, use masking tape. Always remove masking tape before sealant has skinned over.

Surface preparation

Surfaces must be clean, dry and free of dirt, grease, oil, rust and water. Use white spirits or mechanical cleaning with a lint free cloth. Do not use soap or detergent. For plastics, contact Sealants Australasia for a recommended cleaning solvent. When used on remedial work all existing sealant must be removed prior to application of new material.

Packaging

300gm Cartridges - Available in cartons of 20.
Product Packed in Australia.

Storage/Shelf life

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

Health and safety

This product emits Methyl Ethyl Ketoxime (MEKO) whilst curing which is hazardous. Use in well ventilated area and avoid breathing in vapour. Avoid contact with skin, eyes and mouth. If in eyes, immediately flush with water for 15 minutes. If irritation persists seek medical attention. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been removed from fingertips and nails. Residual sealant may remain on fingers for several days and transfer to lens.
KEEP OUT OF REACH OF CHILDREN.

Limitations

SA Plumbers is not recommended for use on submerged joints where porous substrates permit water to the bond interface. In aquariums, we recommend SA CONSTRUCTION. Not for certain rubber products where bleeding of plasticiser may occur, or horizontal walkways where sealant will be subject to abrasion. Cannot be painted, as paint will not adhere to sealant. Not recommended for use on polycarbonate plastic. Suitability for use on other types of plastic including extruded gutter profiles should be tested prior to application

Sealant Volume Calculator

Number of 300gm Cartridges = Joint Width (mm) x Joint depth (mm) x Joint length (m) x 1.15* ÷ 292

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



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PLEASE NOTE: Information contained and recommendations made herein apply to SA products alone. Such are based on research and data from other reliable sources and are believed at the time of print to be accurate. It is the purchaser's responsibility before using any product, to verify this data under their own operating conditions to determine if such product is suitable for their purposes.

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