

silikön 100

100% Neutral Cure Silicone Sealant

DESCRIPTION:

silikön 100 is a high-quality 100% neutral oxime curing silicone adhesive & sealant.

silikön 100 is to be used where long-term reliability is required, For general purpose glazing, industrial and automotive sealing applications. Excellent adhesion, Weathering and UV Resistance It reacts with moisture to form an in-place silicone rubber gasket.

FEATURES & BENEFITS:

silikön 100 has excellent adhesion properties, so it adheres to most surfaces, including common building materials, industrial and automotive industry Will bond to glass, aluminium & galvanised steel, concrete, wood, ceramics, plastics, and most painted and powder-coated surfaces.

- Complies with 5 Star Rating for VOC <5% (Less than 50 grams/litre)
- Superior Adhesion.
- Non-corrosive.
- Low Slump.
- Movement capability +/-25%
- 5–12-minute skin time.

RECOMMENDED USE:

is ideal in applications such as-

- General purpose glazing and weather sealing BS 5889 building approved
- Roofing, gutters, and rainwater tanks AS4020 Approved Potable Water
- Electrical sealant and insulation
- Automotive, caravan, truck body sealing, and other assemblies.

SUBSTRATES:

It is always suggested to conduct "Pre-Adhesion" Tests on substrates to ensure an adequate bond is achieved. Where oils are or may be present, clean the surface using a non-oil-based solvent cleaner.

Glass, concrete, fibreglass, aluminium, galvanised steel, stainless steel, Zinalume, roofing profiles and many other common substrates.

Don't hesitate to get in touch with your local RLA Distributor.

SURFACE PREPARATION:

All surfaces must be clean, dry, and free from dust, oil, rust, or other contamination.

Metals should be cleaned with a non-mineral oil-based solvent.

Apply solvent to a clean cloth, then use a dry clean cloth; Remove excess solvent. Recommended solvents such as methylated spirits or Isopropyl Alcohol are recommended. Remove the existing sealant as much as possible when used on remedial work. Be careful not to cut or scratch powder-coated surfaces; Oxidization will quickly contaminate the mating surfaces. (Some powder coats are very heavily plasticised. It may be recommended to scour the surface with a scouring pad to remove the shiny surface. An adhesion promoter may also be recommended. Please check with your local RLA consultant if you are unsure.

APPLICATION:

Cut nozzle at 45° angles to desired thickness.

Insert the cartridge into a caulking gun.

Hold the caulking gun at a 45° angle with the nozzle in contact with both sides of the joint.

Apply by pushing the Silicone ahead of the nozzle, thus pushing it firmly into place and spreading the sealant against joint surfaces to ensure positive surface-face adhesion.

TECHNICAL DATA:

PRODUCT INFORMATION:	
Curing Method	Neutral (Oxime) 100%
Sag / Slump @23°C	No Slump (.01%mm Max)
Dynamic Joint Movement	+/- 25%
Shelf life	12 months below 28°C
Packaging	310gram Cartridge, 600ml Sausage, 20kg pails
Hardness (ASTM D2240)	29 Shore A
APPLICATION DATA:	
Skin time @ 20°C @50% RH	5-12 minutes
Cure Time (10mm) @ 25°C & 50% RH	5-7 Days
Application Temperature Range	-60°C to +180°C
PERFORMANCE DATA:	
Elongation	> 420%
Tensile Strength (MPA)	> 2.0
Specific Gravity	1.03

COLOURS:

- Almond Ivory
- Monument
- Classic Cream
- Mist Green
- Tile Grey
- Woodland Grey
- Aluminium
- Basalt
- Ivory
- Off White
- Translucent
- Black
- Brown
- Light Grey
- Stone Beige
- White

LIMITATIONS:

silikön 100 is not recommended for use:

- On submerged joints
- In aquarium applications, we recommend silikön 200 acetic for aquariums.

For certain rubber products where bleeding of plasticiser may occur, please contact your local RLA Distributor if unsure.

STORAGE:

12 months from the date of manufacture if stored below 28°C

SAFETY & HANDLING:

- Emits Methyl Ethyl Ketoxime, which is hazardous.
- Do not breathe in vapours whilst curing. Wear suitable respiratory protection.
- Use in well-ventilated areas.
- Avoid contact with skin and eyes.
- Wear eye protection and suitable gloves and clothing.
- Do not eat, drink, or smoke while using this product.
- Take off contaminated clothing and wash it before reuse.
- If on the skin, wash with plenty of soap and water.
- If in the eyes: rinse immediately and cautiously with water for 15 minutes.
- Remove contact lenses; if present, continue rinsing.
- If inhaled, remove them to fresh air and keep them at rest in a position comfortable for breathing.
- If any skin or eye irritation persists or you feel unwell, seek medical attention.

Safety Data Sheet is available upon request.

KEEP OUT OF REACH OF CHILDREN

WARRANTY STATEMENT:

RLA Polymers guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specifications.

We certify that this product is suitable for use when fully cured and will perform as described in our technical data sheet or other published materials.

RLA Polymers will replace the product free of charge when purchased from any legally verifiable source and where a product is proven to have been stored, handled, and install according to instructions published on our packaging and within the stated shelf life. The Installation of all materials must be carried out per the relevant Australian Standards.

Warranty doesn't apply if damage, loss, failure to follow instructions, or other circumstances are out of our control.

Sufficient time and access to investigate any complaint must be accorded to RLA Polymers.

The consumer is responsible for any expenses incurred in making a claim.

A claim form can be requested by:

PHONE: 1800 242 931

EMAIL: info@rlapolymers.com.au

MAIL: 215 Colchester Road Kilsyth Victoria 3137 (Attention Customer Service)

WEBSITE: www.rlapolymers.com.au

AUSTRALIAN CONSUMER LAW:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality, and the failure does not amount to a major failure. The benefits under our warranty are in addition to other rights and remedies available to the consumer under the law in relation to the goods and services to which the warranty relates.

DISCLAIMER:

All statements and technical information contained herein are based on tests we believe to be reliable, but the accuracy thereof is not guaranteed.

Users assume all risk and liability resulting from the use of the product and must confirm the suitability thereof by their own tests. Conditions of Sale contain a limited warranty against manufacturing defects.