

Roof & Gutter Silicone

Neutral Curing, premium quality silicone sealant



DESCRIPTION:

RLA Roof & Gutter Silicone is a non-diluted, high-performance, UV-resistant, neutral-cure, silicone sealant. It is specially formulated to seal joints or seams in plumbing and roofing applications.

AREAS OF APPLICATION:

- Metal and Colour-bond roofing
- Metal to Metal lap joints and flashings
- Gutters and down pipes
- Pipe or Sprinkler System Penetrations
- Air conditioning
- Window Frames
- General Purpose sealing of building materials, Steel, Aluminium, Timber, Concrete, Brick and Masonry.
- Most types of plastic and rubber but pre-testing is recommended to ensure adequate adhesion

FEATURES AND BENEFITS:

- Manufactured to the highest Australian Standards and Quality Assurance so the RLA Roof & Gutter Silicone comes with a 10 year manufacturer's warranty.
- AS/NZS 4020 approved, which means it is suitable for use in contact with drinking water.
- 100% Silicone so it does not shrink when curing and customers do not pay for solvents or fillers.
- Excellent adhesion properties so it adheres to most surfaces, including painted surfaces, and the job only needs to be done once.
- Neutral (Non-Acetic) Cure is non-corrosive and so does not react with metals and other surfaces.
- Permanently flexible so it resists cracking, shrinking and vibration.
- Suitable for interior and exterior applications so the product is very versatile.
- Unaffected by extreme temperature (hot or cold) so suited to any environment.
- Waterproof so it provides a flexible watertight seal.
- Low VOC which means low vapour, low odour and a safer work environment for the plumber or tradesperson.
- UV resistant so it is not affected significantly by sunlight, making it more durable.
- Proven product performance in millions of applications around Australia and overseas.

APPLICATION INSTRUCTIONS:

Surface preparation

Surfaces to be sealed must be clean and dry. Ensure there is no foreign matter including grease, wax, flaking paint etc. Complete all painting before applying Silicone.

MAKING THE JOINT

- Use masking tape on each side of the joint to protect surfaces and to ensure a neat job.
- Insert a backing rod if depth of the joint is excessive.
- Cut nozzle at 45°C angle to desired thickness.
- Cut nub on cartridge. Insert cartridge into a caulking gun.
- Hold the gun at 45° angle with nozzle in contact with both sides of joint.
- Apply by pushing RLA Roof & Gutter Silicone ahead of nozzle, thus ensuring it is pushed firmly into place.
- Smooth off before skin forms
- Remove excess RLA Roof & Gutter Silicone immediately with a cloth dampened with mineral turpentine.
- Remove any masking tape immediately sealant tooling is complete.
- **RLA Roof & Gutter Silicone** skins in 5 minutes and is touch dry in 30 minutes.

CLEAN UP

Cured RLA Roof & Gutter Silicone can be removed by trimming with a sharp blade

PACKAGING & SHELF LIFE:

Shelf Life is 12 months if stored in a cool (below 25°C), dry, well-ventilated place and out of direct sunlight.

HANDY TIPS:

- Do not apply to wet surfaces. Ensure surfaces are clean and dry.
- All applications should be pre-tested to ensure the finished results with RLA Roof & Gutter Silicone meet the expectations of the user.
- Adhesion of RLA Roof & Gutter Silicone to substrates should be pre-tested to ensure there is adequate adhesion.
- Pre-test RLA Roof & Gutter Silicone on substrates for any potential staining. This is especially relevant for natural stone like marble.
- Also refer to SAFETY DIRECTIONS below.
- Not to be used for structural glazing.
- Not paintable.
- Not to be used on extruded type polycarbonates or polyacrylates as cracking may occur

- Not recommended for use in trafficable applications or continually submersed conditions
- Not recommended for below water line applications.
- Not recommended for applications in which it will be in constant contact with chlorinated water.

SAFETY INFORMATION

On contact, uncured sealant causes irritation. Gloves and protective goggles must be worn during application and use. Avoid contact with skin, eyes and avoid breathing in vapour. Wear protective gloves when mixing or using. If poisoning occurs contact a doctor or Poisons Information Centre. Phone: Australia 131 126 NZ: 0800 764 766 or a doctor immediately. If swallowed, do not induce vomiting. Give a glass of water. If skin contact occurs, remove contaminated clothing and wash skin thoroughly for a minimum of 15 minutes and see a doctor. For more detailed information refers to the Safety Data Sheet.

AVAILABILITY:

RLA Roof & Gutter Silicone is available Australia-wide through the RLA Group distributor network. Please contact RLA Group 1800 242 931 to find out where your nearest stockist will be

TECHNICAL SUPPORT:

RLA Polymers manufactures a comprehensive range of high-quality, high-performance construction products. In addition, RLA Polymers offers technical support and on-site advice to specifiers, end-users, and contractors. Please contact your RLA Polymers sales representative or RLA Head Office for this service

| PRODUCT DATA | |
|--------------------------|----------------------------------------------------------------|
| Appearance | Clear or Grey Paste |
| Specific Gravity @ 20°C | 1:1 |
| Viscosity @ 20°C, CPS | 1000-1300 |
| VOC | 54 g/L |
| Tooling/ Skin Time @20°C | 3-5 minutes |
| Tack Free Time @20°C | 10 minutes |
| Cure Time | 24 hours @ 2mm depth or 5 days for full cure @10mm depth |
| Application Range | 10°C to +50°C |
| Performance Range | -60°C to +175°C |
| Coverage | 13 lineal metres @ 5mm x 5mm |
| Hardness Shore A | 28 |
| Tensile Strength | 200 psi (15 kg/cm ²) |
| Sag, Slump | Nil |
| UV and Ozone Resistance | Excellent |
| Joint Movement | +/- 25% Min |

WARRANTY STATEMENT:

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

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 the 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 in accordance with the relevant Australian standards and Manufacturer's instructions. 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.

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RLA Polymers Pty Ltd ACN 004 709 915

Head Office
215 Colchester Road
Kilsyth, Victoria, 3137
Tel: 1800 242 931

New South Wales
363 Wentworth Ave
Pendle Hill, N.S.W, 2145

Queensland
57 Fulcrum Street
Richlands, QLD, 4077

South Australia
Unit 2/7 Berger Road
Wingfield ,SA, 5013

Western Australia
24 Hanwell Way
Bassendean, W.A, 6054
Tel: 08 9279 8911