



Sealants



## Features & Benefits

- UV and Weather Resistant
  - Excellent resistance to accelerated aging and weathering to ASTM C792
- Excellent flexibility – joint movement  $\pm 25\%$
- Thixotropic - No sagging or running
- Suitable for contact with drinking water – AS4020-1994
- Non-corrosive neutral cure silicone
- Low VOC

## Description

Roof Seal is UV and weather resistant for exterior plumbing and roofing applications. Its neutral cure formula is non-corrosive so it is safe to use with all metals including galvanised steel and anodised aluminium. Also suitable for cement, brick and concrete.

## Typical Properties

Chemical Type	Oxime Silicone
Skin Time BS5889	8 minutes
Tack Free Time ASTM C679	30 minutes
Tool Working Time ASTM C679	Up to 10 min @ 25°C 50%RH
Slump BS5889	None
Application Temperature	-10 to 40°C
Cure Rate	1.0 mm / 24 hours
Service Temperature	-50 to 150°C
Max. Joint Movement ASTM C920	$\pm 25\%$
Tensile Strength ASTM D412	1.10 N / mm <sup>2</sup>
Modulus at 100% Elongation ASTMD412	0.40 N / mm <sup>2</sup>
Elongation at Rupture ASTMD412	630%
Peel Strength after UV Through Glass BS5889	50 N / 25 mm
Cure Hardness ASTM C661	Shore A 17 - 22
VOC	40 g / litre

**Substrates**  
Galvanised Steel, Aluminium, Colour Coated Steel (eg. Colorbond®), Timber, Terracotta, Rigid PVC, Pipe, Brick, Concrete and Cement

Flexibility	High	Low VOC	Yes
Water Resistance	High	Paintable	No
Water Immersion	Yes	Water Clean Up	No
Heat Resistant	Yes	Exterior Use	Yes
Fire Rated	No	UV Resistant	Yes

## Trades & Applications

	Plumber	Electrician	Concreter	Bricklayer
Sealing flashings, gutters & downpipes	✓			
Sealing penetrations through concrete	✓	✓		
Sealing penetrations through steel	✓	✓		
Sealing concrete expansion joints	✓		✓	
Sealing brick & Block expansion joints	✓			✓

## Related Products

Caulking Gun

## Installation

1. Ensure surfaces are clean and dry
2. For best results mask around joint to be sealed
3. Dispense Roof Seal onto one surface and assemble components.
4. Drill and rivet lap joint as required
5. Remove masking tape before Roof Seal skins
6. Clean up Roof Seal with mineral turps before it sets.

**Refer to Technical Data Sheet and MSDS available from [www.ramset.com.au](http://www.ramset.com.au), for precautions and further detailed installation instructions**

## Roof Seal

Part No.	Colour	Volume	Order Qty
RFLSTRG300	Translucent	300mL Cartridge	20
RFLSALG300	Aluminium	300mL Cartridge	20
RFLSGYG410	Grey	300mL Cartridge	20