



CRC Industries NZ, Auckland NZ

I. Product Description

ADOS Roof & Plumbing Silicone is specially formulated and translucent in colour for use with zinc coated/galvanised metal products, aluminium frames and fiberglass to glaze, seal and waterproof.

ADOS Roof & Plumbing Silicone is a flexible general adhesive and waterproof sealant for building materials such as glass, ceramics, brick and most painted surfaces.

II. Features & Benefits

- 100% silicone
- Permanently flexible
- UV resistant
- Neutral cure, non-corrosive
- Waterproof sealant
- Excellent adhesion
- Withstands NZ conditions
- Will not harm galvanised iron
- Specifically for work on roofs and gutters

III. Application and Directions**Preparation:**

- Surfaces must be clean from any contamination and dry before application
- Use mechanical or solvent cleaning. Do not use soap or detergent.
- Use alcohol on glass, and for plastic consult the supplier for recommended cleaning solvent.
- Use masking tape to cover surfaces and joints to simplify cleaning.
- If surface requires a primer, the primer must be dry before applying sealant.

Application:

- Before placing cartridge in application gun, slice nozzle at a 45 degree angle at desired bead size.
- Press nozzle against surface and apply sealant.
- Tool to eliminate all voids within 5 minutes of applying sealant. Tack-free time is 1 hour. Sealant will fully cure in 72 hours.
- Immediately after completion, clean excess sealant off surfaces, tools and hands with a clean, dry cloth.
- Remove masking tape within 1 hour.

Clean Up:

- ADOS Solvent N to clean uncured product off equipment and surfaces.
- ADOS Silicone Remover to remove cured product.
- ADOS Solvent PS is suitable for removing stains from sealant.

Note: Not recommended for use on submerged joints, especially where porous substrates permit water to the bond interface. Not suitable for use on polycarbonate.

Estimating Requirements – linear metres per cartridge for various joint dimensions:

Depth mm	Width mm						
	3.3	6.4	9.7	12.7	16.0	19.2	25.4
3.3	29.7	14.88	9.93	7.44	5.94	4.97	3.72
4.9		9.93	6.64	4.97	3.96	3.31	2.48
6.4		7.42	4.97	3.72	2.97	2.49	1.86
9.7			3.31	2.48	1.98	1.64	1.23



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IV. Typical Properties and Characteristics**Physical Properties & Performance Characteristics:**

Composition	Silicone polymer
Curing Method	Neutral (Oxime)
Colour	Translucent
Service Temperatures	-60°C to +150°C
Peel Strength (ASTM C794)	2.9 kN/m
Hardness (Shore A)	20-35
Slump (w = 20mm)	< 1mm
Tensile Strength	≥ 1.0MPa
Dynamic Joint Movement	± 20%
Density	1.04
Tooling Time	6-20 minutes
Toxicity	Not suitable for fish tanks
Tack Free Time	20 minutes
Cure Time (5mm, 20°C / 53% RH)	2 days

V. Package Description

Part Number	Size
8359	310ml Cartridge

VI. Special Precautions**General:**

Keep locked up. Store in cool, dry, protected area. Use with adequate ventilation. Do not eat, drink or smoke while using. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

First Aid:

Swallowed – Do not induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

Skin – Immediately flush body and clothes with large amounts of water, using safety shower if available. Quickly remove all contaminated clothing, including footwear. Transport to hospital or doctor.

Eyes – Hold open and flush eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay.

Inhalation – Remove from contaminated area. Lay patient down. Keep warm and rested. Transport to hospital or doctor.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 08/2012

PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

DISCLAIMER: All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.