

# PROTEK PLUMBERS SILICONE

## DESCRIPTION

**Protek Plumbers Silicone** is a non diluted, high performance, UV resistant neutral cure silicone sealant. Designed for sealing joints or seams in Plumbing applications

## RECOMMENDED USES

- Metal and Colour bond roofing
- Metal to Metal lap joints and flashings
- Gutters and down pipes
- Pipe or Sprinkler System Penetrations
- Air conditioning
- General Purpose sealing of building materials, Steel, Aluminum, Timber, Concrete, Brick and masonry.
- Most plastics and rubber – pre testing is recommended to ensure adequate adhesion.

**NOTE – silicone sealant is not paintable**

## PERFORMANCE PROPERTIES

<b>Colours</b>	Translucent , Grey
<b>Tooling / Skin Time</b>	3 – 5 minutes at 20°C
<b>Tack Free Time</b>	10 minutes at 20°C
<b>Cure Time</b>	24 hours for 2 mm depth – 5 days for full cure 10 mm depth
<b>Application Range</b>	10°C to +50°C
<b>Performance Range</b>	-60°C to +175°C
<b>Hardness Shore A</b>	28
<b>Tensile Strength</b>	(200 psi (15 Kg/cm <sup>2</sup> ))
<b>Sag, Slump</b>	Nil
<b>Specific Gravity</b>	1.01
<b>UV and ozone resistance</b>	Excellent
<b>Joint Movement</b>	+/- 25% Min

## PACKAGING

300ml cartridges

## COVERAGE

5 mm x 5mm = 13 lineal metres

## APPLICATION INSTRUCTIONS

### Surface Preparation:

Surfaces to be sealed must be clean and dry  
No foreign matter including grease, wax, flaking paint etc.

### Application:

- Complete all painting before applying.
- To protect surfaces and to ensure a neat job. Use masking tapon each side of joint
- Insert a backing rod if depth of joint is excessive.
- Cut nozzle at 45°C angle to desired thickness.
- Cut nub on cartridge. Insert cartridge into caulking gun.
- Hold gun at 45° angle with nozzle in contact with both sides of joint.
- Apply by pushing sealant ahead of nozzle, thus ensuring sealant is pushed firmly into place.
- Smooth off before skin forms
- Remove excess sealant immediately with a cloth dampened with mineral turpentine.
- Remove masking tape if used immediately sealant tooling is complete.
- Sealant surface skins in 5 minutes and is touch dry in 30 minutes.
- Cured sealant can be removed by trimming with a sharp blade
- Entire cartridge contents should be used within 12 months.

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## PRECAUTIONS

- Not recommended for use in trafficable applications or continually submersed conditions
- Not to be used for structural glazing.
- Not paintable.
- Not to be used on extruded type polycarbonates or polyacrylates cracking may occur
- Not recommended for below water line applications.
- Do not apply to wet surfaces.

## Pretested Adhesion To Substrate

We recommend all applications should be pre tested to ensure results are to the expectation of the user. In particular the adhesion to the substrate should be tested to ensure adequate adhesion and no staining occurs – particularly with natural stones.

## HEALTH AND SAFETY

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.
- 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 refer to Material Safety Data Sheet.

## CLEAN-UP

Wipe off excess sealant immediately and clean up with mineral turpentine.

## STORAGE

- Store inside where possible out of direct sunlight and heat.
- Store below 25°C.
- Shelf life is 12 months in unopened container when stored below 25°C.

## Important:

Information and recommendations provided in this Technical data sheet are provided in good faith based on experience and current knowledge. It is Important to note – All information is based on correct application and correct preparation of work. Differences in materials,, site conditions, substrates, method of application make it impossible to provide a warranty- no legal relationship can be inferred from neither this information nor any liability. All orders are accepted subject to our terms and conditions of sale.

**PLEASE CONSULT TECHNICAL DEPARTMENT FOR PRODUCT RECOMMENDATIONS AND ADVICE PRE-TESTING OF SUBSTRATES IS AVAILABLE TO ENSURE PERFORMANCE OF PRODUCT UNDER ALL CONDITIONS**

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### Warranty Conditions

Rebound Ace guarantee this product for 12 years provided application is in accordance with manufacturer's written directions for use and the Australian Standard for Tiling Practice (AS3958.1-2007). The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will REBOUND ACE Pty Ltd. be liable to anyone except for replacement of the products or refund of the purchase price. REBOUND ACE Pty. Ltd. guarantee this product for 12 years provided application is in accordance with manufacturer's written directions for use and the Australian Standard for Tiling Practice (AS3958.1-2007). The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will REBOUND ACE Pty Ltd. be liable to anyone except for replacement of the products or refund of the purchase price.

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