

# GSA PROSEAL 500



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## Description

GSA Proseal 500 is a one part, 100% oxime, neutral curing adhesive / sealant containing anti- fungicide to prevent mould growth. It is an easy to use silicone designed for general purpose glazing and sealing applications where long term reliability is required. Weathering and UV resistance is excellent. It is unaffected by high and low temperatures and its superior physical properties are retained after many years of exposure. It resists mildew when exposed to prolonged hot and humid environments and is suitable for sealing in kitchens, vanities, bathrooms, shower screens and any other wet area applications.

## Key Performance Properties

Non Slump	Excellent Adhesion
Mildew Resistant	Excellent UV Resistance
One Part Ready To Use	5 Star VOC Compliant
Outstanding Weather ability	

## Application

GSA Proseal 500 has excellent adhesion to glass, ceramics, aluminium, masonry, stone, concrete, most metals and many plastics. It may be used for general glazing and weatherproofing applications including wet areas and humid environments.

## COLOURS

Translucent, White, Almond Ivory / Paperbark, Alabaster / Classic Cream, Beige, Black / Nightsky, Bronze, Brown, Charcoal / Monument, Grey, Mid Grey / Shale Grey, Tile Grey / Surfsmist, Off White, Pewter / Ironstone, Stone, Taupe.

## SPECIFICATIONS

Typical data values should not be used as specifications. Please contact Campbells Wholesale for further information.



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A thin bead of sealant will tolerate more movement than a thick bead. Joint width and depth should be no less than 4 mm. Maximum joint widths should not exceed 25mm. Joint depths should be half the width, with a maximum depth of 10mm. Polyethylene closed cell foam rod is the recommend backing material to provide the correct depth of joint. If the joint is too shallow, use a polyethylene tape bond breaker. Do not allow the silicone sealant to contact the back of the joint or any staining materials.

PROPERTY	VALUE
Cure Method	Neutral (Oxime)
Sag/Slump	NON SLUMP (0.1% max)
Hardness (ASTM D2240)	28 SHORE A
Tensile Strength	1.7 MPa
Dynamic Joint Movement	±25%
Skin Time @25°C/50% Rh	5-10 min
Cure Time 10Mm @25°C/50% Rh	5-7 Days
Operating Temperature	-62°C to 180°C
Specific Gravity	1.03

## Directions for use

Cut nozzle at 45 Degree angle to desired bead width, and apply to substrate with sealant gun and tool within 5-10 minutes. Uncured sealant can be cleaned up with mineral turpentine. Some surfaces may need a primer. If so, allow primer to dry before applying sealant. Use approved backing material for joints over 10mm deep. For a neat appearance to the joint, use masking tape. Always remove masking tape before sealant has skinned over.

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**DO IT ONCE DO IT RIGHT****SURFACE PREPARATION**

Surfaces must be clean, dry and free of dirt, grease, oil, rust and water. Use white spirits or mechanical cleaning with a lint free cloth. Do not use soap or detergent. For plastics, contact CW Brands for a recommended cleaning solvent. When used on remedial work all existing sealant must be removed prior to application of new material.

**PACKAGING**

300gm Cartridges - Available in cartons of 20

**STORAGE AND SHELF LIFE**

The shelf life of GSA Proseal 500 is 12 months if stored in a cool dry place. The storage temperature should not exceed 25°C as this will decrease shelf life.

**HEALTH AND SAFETY**

This product emits Methyl Ethyl Ketoxime (MEKO) whilst curing which is hazardous. Use in well ventilated area and avoid breathing in vapour. Avoid contact with skin, eyes and mouth. If in eyes, immediately flush with water for 15 minutes. If irritation persists seek medical attention. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been removed from fingertips and nails. Residual sealant may remain on fingers for several days and transfer to lenses and cause eye irritation. Avoid contact with skin and clothing. MSDS available on request. KEEP OUT OF REACH OF CHILDREN.

**LIMITATIONS**

GSA Proseal 500 is not recommended for use on submerged joints where porous substrates permit water to the bond interface. Not for certain rubber products where bleeding of plasticiser may occur, or horizontal walkways where sealant will be subject to abrasion. Cannot be painted, as paint will not adhere to sealant. Not recommended for use on polycarbonate plastic. Suitability for use on other types of plastic including extruded gutter profiles should be tested prior to application.

**DISCLAIMER**

CW Brands Pty Ltd believes that the information in this technical data sheet is an accurate description of the typical uses of the product. The data and statements are based on our research and development work and is to the best of our knowledge true and accurate.

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The user must ensure of the product(s) in their application prior to use in particular to determine its performance, efficiency and safety. The use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Products conform solely to the information contained in this and other related CW Brands Pty Ltd publications.

CW Brands Pty Ltd reserves the right to make changes to specifications and information related to the products at any time. Users are asked to check that the literature in their possession is the latest issue. Statements contained herein should not be considered as a warranty of any kind, expressed or implied in describing the performance or suitability of the product for a particular application. No liability is accepted for infringement of any patents or any other intellectual property right.