



### PRODUCT DESCRIPTION

A professional quality, neutral curing, 100% silicone sealant for general purpose usage on roofing and gutters, glazing, industrial applications, automotive sealing, electrical sealing and insulation, offering excellent adhesion, weathering and UV-resistance for long-term reliability. Product reacts with atmospheric moisture to cure.

### PRODUCT FEATURES

- 100% silicone composition
- Professional grade
- Low slump
- High adhesive strength
- Non-corrosive to metals
- UV and weather resistant
- Movement capability  $\pm 25\%$
- 5-10 minute skin time
- Meets GBCA VOC Content Requirement <50g/L
- Operating temperature range: -60°C to 170°C
- AS4020 compliant for potable water

### APPLICATIONS

Roofing, gutters, rainwater tanks, weather sealing, electrical sealing and insulation, automotive and truck body sealing and assembly.

### SUITABLE SUBSTRATES

Most common building and glazing substrates including glass, all metals (including aluminium, stainless steel and galvanised steel), concrete, bricks, plasterboard, wood, fibreglass, ceramics, plastics and most powder-coated surfaces.

### LIMITATIONS

Not suitable for structural glazing, aquarium construction, submerged joints, bituminous products, or rubber products where bleeding of plasticiser may occur. Any painting of substrates must be completed prior to applying sealant.

### JOINT DESIGN

For effective sealant performance, the correct joint design requires that the following sealant width-to-depth ratios be followed. A suitable backer rod (open or closed cell) must be used to ensure that the correct joint depth is achieved.

JOINT WIDTHS <12MM / WIDTH-TO-DEPTH RATION IS 1:1								
WIDTH	5mm	6mm	7mm	8mm	9mm	10mm	11mm	
DEPTH	5mm	6mm	7mm	8mm	9mm	10mm	11mm	
JOINT WIDTHS $\geq 12$ MM / WIDTH-TO-DEPTH RATION IS 2:1								
WIDTH	12mm	14mm	16mm	18mm	20mm	24mm	28mm	32mm
DEPTH	6mm	7mm	8mm	9mm	10mm	12mm	14mm	16mm

DISCLAIMER: The information given and the recommendations made herein apply to Geared Up Culcha's product(s) alone and not combined with any other product(s). Information and recommendations are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers' responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.

### TYPICAL PROPERTIES<sup>†</sup>

PROPERTY	TYPICAL RESULT
<b>Technology</b>	100% oxime silicone
<b>Curing Method</b>	Moisture Cure
<b>SAG/Slump @23°C:</b> JIS A 1439	No Slump (0.1% max)
<b>Shore A Hardness</b> ASTM D2240	28 +/- 3
<b>Skin Time</b> 25°C / 50% Relative Humidity	5-10 mins
<b>Dynamic Joint Movement</b>	$\pm 25\%$
<b>Tensile Strength (MPa)</b> DIN EN ISO 527-)	1.0
<b>Elongation @ Break</b> JIS K 6249	400%
<b>Curing after 24hrs</b> 25°C / 50% Relative Humidity	2-3mm
<b>Application Temperature</b>	+5 to +40
<b>Operating Temperature Range</b>	-60°C to 170°C
<b>Density (g/cm3)</b>	1.03 $\pm$ 0.02
<b>VOC Content</b> ASTM D3960	35 g/L

<sup>†</sup>Values above should not be used as specifications.

All data is based on samples cured for 21 days at 23°C and 55% relative humidity.

### DIRECTIONS FOR USE

All surfaces must be clean, dry, sound, and free from dust, oil, rust, water, or any other contamination. Cut nozzle at 45° angle to desired bead width and apply to substrate with sealant gun. Tooling time is 5-10 minutes, tack-free time is 60 minutes. Uncured sealant can be cleaned up with neutral turpentine. Some surfaces may require a primer. If primer is required, allow to dry prior to application of sealant. Use approved backing material for joints >10mm deep. For a neater finish, use masking tape. Remove masking tape before sealant skin has cured.

### PRODUCT LIFE

Twelve months from date of manufacture when stored below 28°C.

### FURTHER INFORMATION

Please refer to the product Safety Data Sheet (SDS) prior to using this product. SDS files can be accessed via our website ([www.gearedupculcha.com.au](http://www.gearedupculcha.com.au)) or by contacting Geared Up Culcha directly via phone on (07) 3715 8419 or email via [sales@gearedupculcha.com.au](mailto:sales@gearedupculcha.com.au)

Packaging	Size	Colour(s)
Cartridge	300ml	Translucent