

# Silcon GP

**Mould resistant silicone sealant for general purpose use.**

## DESCRIPTION

Silcon GP is a non-flowing, neutral cure, mid-modulus silicone sealant.

## USES

It contains an effective fungicide making it ideal for use in wet areas such as shower screens and bathrooms, kitchen tops and splashbacks. Being neutral cure, it is also suitable for use with galvanised roofing materials and other metal building materials.

## ADVANTAGES

- Reduces the growth of mould and mildew.
- Low odour
- Excellent bond to most materials including powder coated metals.
- Non slumping

## PROPERTIES

Hardness (Shore A)	17 ASTM C 661
Specific Gravity	1.02
Tensile Strength	1.5Mpa ASTM D 412
Skin Time	8 min. BS 5889
Tack Free Time	30 min ASTM C 679
Tooling Time	10 min. ASTM C 679
Slump	Nil BS 5889
Modulus at 100% Elongation	0.4% ASTM D 412
Elongation at rupture	670% ASTM D 412
Peel strength after UV through glass	50 N/25mm BS 5889
Dynamic movement capability	± 20% ASTM C 920
Accelerated aging and weathering	Excellent ASTM C 792
Colour	Translucent

## APPLICATION INSTRUCTIONS

All surfaces must be clean, dry, sound and free from dust, rust, oil or any other contaminants.

Metals should be cleaned with a non-oily solvent soaked clean cloth. Solvent should be wiped from the surface with a clean dry cloth.

The sealant must be capable of withstanding the expected joint movement. This can be controlled by limiting joint depth to industry accepted limits in ratio to joint width. All joints should avoid three sided adhesion.

Cut the nozzle at a 45 degree angle slightly wider than the required bead. Extrude the sealant with a gun and tool with a spatula or similar within 10 minutes to finish the surface.

When necessary to produce a neat appearance, masking tape is recommended, Remove the tape before a skin forms.

## Curing

Silcon GP cures by absorbing atmospheric moisture. Do not use in applications where access to atmospheric moisture is prevented.

## LIMITATIONS

Silcon GP is not suitable for use in the following applications. Aquariums

Adhering Mirrors

Structural glazing

Underwater applications

Below grade

Non-paintable. (Refer to Aftek Gap Filler, Colourcaulk or Uraseal)

## MARKETING SERVICES

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## **SILCON GP**

### **PACKAGING**

Silcon GP is packed in 300ml cartridges. 20 cartridges per carton.

### **HEALTH AND SAFETY**

Silcon GP is not classified as a Dangerous Good, but is classified as a Hazardous Substance according to the ADG Code and Worksafe Australia. The product should be used in accordance with good occupational health and safety practices. Do not swallow and avoid contact with skin.

High concentrations of vapour may irritate respiratory tract.

Releases methyl ethyl ketoxime until fully cured.

If contact with the eyes occurs, wash eyes with copious quantities of water and consult a doctor if irritation persists.

### **NOTE**

Material Safety Data sheets for these and all AFTEK products are available on request. Read the MSDS and product label before using.

All reasonable care is taken in the compilation of this data sheet. All recommendations regarding use are made without guarantee as the conditions of use are beyond the control of the manufacturer.

### **ALLIED PRODUCTS**

Aftek manufactures a broad range of construction products including:

Grouts

Coatings

Admixtures

Adhesives

Sealants

Floor Toppings

Floor Levelling Compounds

Concrete Repair

Concrete Treatment