

# Silcon CV

**One part silicone sealant for use in the construction of caravans and re-locatable homes**

## USES

Silcon CV is a one component, non flowing, neutral cure, low modulus silicone sealant. Because of it's high elastic low modulus properties, it imparts minimal stress on the adhesion bond line between the silicone and the substrate, allowing for the absorption of stress in a working joint as experienced in constant movement situations such as caravans, re-locatable homes and similar.

## ADVANTAGES

- Low modulus, high movement capability.
- Neutral cure. Suitable for use with metals and most building materials.
- Skins in 8 minutes and tack free in 3 hours.
- Non slumping

## PROPERTIES

Skin time	8 minutes BS 5889
Tack free time	3 hours ASTM C679
Tooling time	8 minutes ASTM C679
Sag or slump	Nil BS 5889
Shore A hardness	16 ASTM C661
Modulus at 100% elongation	0.25Mpa ASTM D412
Tensile strength	0.85Mpa ASTM D412
Elongation at rupture	650% ASTM D412
Peel strength after UV through glass	67/25mm BS 5889
Dynamic Movement Capacity	+ 100-50% ASTM C920
Accelerated ageing and weathering	Excellent ASTM C792

## APPLICATION INSTRUCTIONS

Application temperature            -10°C +40°C

Service temperature                -50°C +220°C

Application of the sealant at -10°C is permissible provided the surface is dry and free of frost.

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. Excess solvent should be wiped from the surface with a clean 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.

## Curing

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

## LIMITATIONS

Silcon CV is not suitable for use in the following applications.

Aquariums

Adhering Mirrors

Underwater applications

Below grade

Non-paintable. (Refer to Aftek Gap Filler,

Colourcaulk or Uraseal)

## PACKAGING

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

## MARKETING SERVICES

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## **SILCON CV**

### **HEALTH AND SAFETY**

Silcon CV 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