

## Weberseal Silicone AC

General-purpose, acetoxy-cure silicone sealant

**Weberseal Silicone AC** is a general-purpose, one-part, acetoxy cure sealant. It provides a durable and permanently flexible seal and is for use with most non-porous construction materials.



### PRODUCT BENEFITS



**SILICONE BASED**



**FLEXIBLE DEFORMABLE**



**EXCELLENT ADHESION**

### USES

Weberseal Silicone AC is suitable for various substrates such as glass and aluminum, doors and windows frames, painted surfaces, air ducts, containers, and cold storage, acrylic or polycarbonate sheets, mirrors and cabinets, zinc or stainless steel.

### ADVANTAGES

- Fast curing
- Excellent adhesion
- Permanently flexible
- Able to use in extreme temperature areas
- Weatherproof, waterproof, and UV resistant
- Excellent chemical resistance

### TECHNICAL DATA & PHYSICAL PROPERTIES

<b>Colour</b>	White, Grey, Black, Clear
<b>Specific Gravity</b>	Approx. 0.99 kg/ litre
<b>Tack Free Time</b>	Approx. 15 minutes
<b>Movement Capability</b>	25 %
<b>Curing Rate</b>	Approx. 3 mm/24h
(+23 °C/50 % RH)	
<b>Sag Flow</b>	Non Sag
<b>Service Temperature</b>	- 25 °C to + 100 °C
<b>Extrusion Rate</b>	Approx. 20 – 80 g/10 sec
<b>Shore A Hardness</b>	≥ 22 after 28 days
(+23 °C/50 % RH)	
<b>Tensile Strength</b>	2 N/mm <sup>2</sup>
(+23 °C/50 % RH)	
<b>Elongation at Break</b>	> 300 %
(+23 °C/50 % RH)	
<b>UV &amp; Weathering Resistance</b>	Passed

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

### CONSUMPTION

<b>Joint Width (mm)</b>	6	9	12
<b>Joint Depth (mm)</b>	4	5	6
<b>Joint Length (280 ml)</b>	~ 12.5 m	~ 6.5 m	~ 4.0 m

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## PROCEDURE & APPLICATION



### Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. It must be dry with no standing water. Use masking tape seam beside the joint to protect from excessive silicone sealant.



### Application

- **Cartridge:** Cut the end off the threaded stub on the cartridge, screw on the nozzle, and cut the nozzle to the desired bead size at a 45° angle.

Extrude the sealant firmly into the joint to ensure complete contact with joint faces. Smooth to finish, if necessary, with a spatula. Masking tape is then removed immediately within 10 - 15 minutes after application. Remove any uncured material using a suitable solvent or an approved sealant remover.



### Design Criteria

The joint width must be designed to be within the movement capability of the sealant. In general, the joint width must be between 6 - 12 mm. The width to depth ratio of ~ 2:1.

## PRECAUTION

Do not use Weberseal Silicone AC on limestone, marble, concrete, or mortar. It is not suitable for movement joints or curtain wall joint applications. The adhesion is low on PE, PP, PTFE, and PBT.

## CLEANING

Clean the tools and equipment immediately after use with clean water. Hardened material can be removed mechanically.

## STORAGE & PACKING

Weberseal Silicone AC is available in 280 ml cartridges. Shelf life of 12 months if unopened and kept in dry and cool conditions at temperatures between 10°C and 25°C. Keep away from direct sunlight.

\*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Jun '23)

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