



weberseal silicone AC

weberseal silicone AC is a general purpose one-part acetoxy cure sealant. It produces a durable and permanently flexible seal and is for use with most non-porous construction materials.

Advantages

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



Used

- 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

Package

Cartridge 280 ml. (25 cartridges/box)

Color

White, Grey, Black, Clear



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Surface preparation

- Use on homogeneous substrates
- A clean and dry surface. No standing water
- Surface to be free from oil, grease, dust and loose or friable particles
- Use masking tape seam beside the joint to protect from excessive silicone sealant

Application

- Cut the end off the threaded stub on 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
- Any uncured material can be removed using a suitable solvent or an approved sealant remover





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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

Consumption

Joint Width	6 mm.	9 mm.	12 mm.
Joint depth	4 mm.	5 mm.	6 mm.
Joint length / 280 ml	~12.5 m.	~6.5 m.	~4.0 m.

Storage and shelf life

12 months from date of production if kept in undamaged and unopened original sealed containers. Stored in a protected area away from direct sunlight in dry conditions at temperature between +10°C and +25°C

Cleaning

Clean all tools and application equipment immediately with a suitable cleaner. Hardened/cured material should be removed mechanically

Limitations

- Do not use weberseal silicone AC on limestone, marble, concrete or mortar
- It is not appropriate for movement joints or curtain wall joints applications
- The adhesion is low on PE, PP, PTFE, PBT





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Technical Specification

Test	weberseal AC
Specific gravity	0.99 kg./litre
Tack free time	15 minutes
Slump	≤ 3 mm
Curing rate	60±15 minutes
Sag flow	~ 3 mm/24h (+23°C / 50% RH)
Service temperature	Non sag
Extrusion rate	-50°C to +150°C
Shore A hardness	20-80 g./10 sec
Tensile strength	15-30 after 28 days (+23°C / 50% RH)
Elongation at break	> 300% (+23°C / 50% RH)
UV and weathering resistance	Pass

