



Silicon A

Product Description

Silicon A is a one part acetic curing silicon sealant that offers excellent adhesion, weatherability, elasticity and primeless adhesion to most multipurpose usage of general glazing and sealing application.

Features and benefits

- Windows sealing.
- Watertight joints sealing between carpentry.
- Adheres to most common materials and non-porous without primer.
- Ready to use and to apply.
- Permanently elastic.
- Able to be used in cold climate conditions.
- Rapid cure and build-up of final bond strength.
- Resistant to humidity and moisture.
- Extremely long service life.

Typical use

To supports glass and aluminum, Silicon A is recommended to be used in general sealing. Silicon A can be used on concrete and porous surfaces.

Product Data:

Composition:	Acetoxy silicone
Packaging size:	300 ml
Color:	Transparent
Consistency:	Thixotropic paste
Hardness Shore A:	Approx 18 After 28days (+23C°/50% r.h.)
Skin Formation:	Approx.35 min (+23C°/50% r.h.)
Curing Rate:	24hrs@3mm (+23C°/50% r.h.)
Specific Gravity:	0.95 g/ml
Sag Flow:	0mm, Very Good.
Viscosity:	45000 P @ 25C°
Crack Bridging:	11 mm
Toxicity:	No restriction as cured



Application Data:

Tools: The product can be applied by Caulk gun.

Surface preparation and sealant application:

Cleaning and joint preparation:

Substrates (joints) must be clean, dry, and free of dust, grease and other contaminant which may affect the adhesion.

Non-porous surfaces (such as aluminium, glass, etc.) should be cleaned with a suitable solvent and thoroughly dried with a clean cloth. Porous substrates (such as concrete, brickwork, etc.) must be mechanically cleaned from loose particles. Mask off the joint edges.

Application:

After substrate preparation, apply the sealant with a professional caulking gun, evenly and without bubbles.

Tooling and finishing:

The joint should be tooled and smoothed before skin formation. Press the sealant and smooth it ensuring good contact with the surfaces to seal. Use neutral soapy water as a tooling agent. Remove masking tape. Uncured product may be easily removed with solvents such isopropyl alcohol or "white spirit". Cured sealant must be removed mechanically.

Approximate consumption

Joint Width	5 mm	6 mm	8 mm	10 mm	12 mm
Joint Depth	5 mm	5 mm	8 mm	10 mm	12 mm
Joint Length	12 m	10 m	5 m	3 m	2 m

Thinner (solvent to mix with): Use as is.

Dilution: No dilution.

Cautions and Limitations:

- Direct contact with uncured sealant irritates eyes and may irritate the skin.
- Over exposure to vapors may irritate nose and throat.
- Use with adequate ventilation.
- Keep out of reach of children.



Storage:

- 12 months from date of production if stored in undamaged original sealed containers, in dry conditions and protected from direct sunlight.
- Store at temperatures between 10°C and 25°C.

Health and safety:

Possible Hazards: Refer to MSDS.