



8125® 100% Silicone High Performance Acetoxy Cure Sealant

8125® 100% Silicone High Performance Acetoxy Cure Sealant is a high modulus, one component sealant. It has excellent adhesion to non-porous surfaces and is able to withstand ±25% joint movement.

- 100% Silicone
- High modulus
- Excellent adhesion to non-porous surfaces
- Cured sealant is mildew resistant
- Good resistance to weathering, vibration, and moisture
- ±25% joint movement
- Can be used for sealing or adhering glass, wood, vinyl, metal, ceramic, and many painted surfaces

Basic Uses:

- Galvanizing joints
- Weather sealing
- Top sealing in glazing
- Sealing around worktops
- Waterproofing between glass and aluminum
- General industrial uses
- Hygiene seals in refrigeration and food penetration areas

Adheres To:

Glass, wood, vinyl, stainless steel, galvanized steel, ceramic, painted surfaces and many other common building substrates



Part #	Color (USA)		UPC	SCC
GC68111	Clear		0 79239 68111 3	100 79239 68111 0
GC68112	White		0 79239 68112 0	100 79239 68112 7
GC68113	Black		0 79239 68113 7	100 79239 68113 4
GC68115	Gray		0 79239 68115 1	100 79239 68115 8
GC59102	Aluminum Gray		0 79239 59102 3	100 79239 59102 0

12 cartridges (11lbs.) per case; Case dimensions: 6.25" L x 7.75" W x 13.00" H

PRODUCT DATA SHEET

SILICONE TECHNOLOGY

Composition and Materials:

8125 Sealant is 100% Silicone

Grade:

Gun grade consistency

Primer:

Not required on most surfaces. If primer less adhesion to a particular substrate is in question, a test application is recommended. Contact Geocel Products Group's Technical Service Department for further information.

Limitations:

- Product is not recommended for exterior, below grade use
- Product is not recommended for glazing of insulated glass units sealed with two-part silicone secondary seals
- Product is not recommended for continuous water immersion
- Do not use in applications over tar, asphalt, or materials that bleed oils, plasticizers, or solvents
- Do not use on marble substrates
- Do not use in applications with airtight enclosures as the sealant requires atmospheric moisture to cure
- Do not use in applications with materials that may react to acetic acid like copper, acrylic, and plastic
- Do not use on horizontal traffic joints

Installation:

Joint Design: Silicone sealant should have a ratio of approximately twice the joint width to depth. The sealant depth should not be less than 3/16" (4.8 mm, Minimum) and not greater than 1/2" (12.7 mm, Maximum).

Surface Preparation:

Porous surfaces should be primed. Clean loose particles from surface. Surfaces must be clean, dry, and dirt free.

Width-to-Depth Recommendations:

(In inches):

Width 1/4 3/8 1/2 5/8 3/4 7/8 1 Depth 3/16 3/16 1/4 3/8 3/8 3/8 1/2

Application Standards:

Meets the following specifications: CAN/CGSB-19.13-M87, Class MG-2-25-A-L (2) ASTM C920, Type S, Grade NS, Class 25, use NT, G, A, O. U.S. Fed Specs TT-S-001543A and TT-S-00230C Type 2. Certified by NSF; Agricultural Canada Approved After fully cured & washed, 8125 meets the requirements of FDA Regulations No 21 CFR 177.2600 subject to end use.

Application and Tooling:

Apply with conventional caulking equipment, filling joint completely. Warm tube if temperature is below 40° F for easier gunning. Dry tool with light pressure immediately after applying. Tooling time is 7 to 15 minutes. Tack free in 25 minutes.

Painting:

8125 Silicone Sealant is 100% silicone and is not paintable.

Cleaning:

Remove 8125 Sealant from gun and tools before it cures. This may be done by scraping and use of regionally available solvents. Cured sealant may be removed by cutting with sharp tools. Observe manufacturer's precautions when using toxic or flammable solvents.

Cautions:

CONTAINS VOLATILE ORGANIC COMPOUNDS. VAPOR HARMFUL. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately

concentrating and inhaling the contents can be harmful or fatal. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. WARNING: Harmful or fatal if swallowed. If swallowed, call a physician immediately. May be harmful if inhaled in an enclosed space. Use only in a well-ventilated area. Avoid prolonged skin contact.

Availability and Cost:

Available from various lumber yards, hardware stores, home centers, construction material and industrial distributors. Cost and further technical data are available from your local Geocel Products Group representative or from our office.

Limited Warranty:

This warranty is made to you, the product purchaser who owns the property where the product is applied. This warranty is not transferable except that if a contractor purchased and applied the product to the property for you, then the warranty is transferable to you. If this product, when applied and maintained according to product application and maintenance instructions to a properly prepared surface, fails to perform, contact us at 1-800-348-7615 and upon satisfactory evidence of product failure, and with your proof of purchase, you may either receive a replacement of an equivalent quantity of product free of charge, or request a refund from the store where purchased. This warranty shall not apply to any defect, damage, or product failure resulting from improper surface preparation, structural defects, environmental damage, failure of a previous product, deterioration or defect in the underlying substrate, or improper application or maintenance of the product. Your sole remedy, and the sole liability of Geocel under this warranty is the replacement of product or refund and does not include labor or costs associated with the application or removal of any product. IN NO EVENT SHALL GEOCEL BE LIABLE FOR ANY TYPE OF INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, PUNITIVE, OR INDIRECT DAMAGES WHETHER OR NOT PURCHASER IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL HAVE THE SAME DURATION AS THE ABOVE EXPRESS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts or limitations on incidental or consequential damages, so portions of the limitations above might not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

Maintenance:

No maintenance should be required. If sealant is damaged, remove the bead and reseal with 8125 Sealant.

Product Cure:

One day

Application/Service Temperatures:

Application: -20°F to 122°F (-29°C to 50°C)

Service: -60°F to 300°F (-51°C to 149°C)

Storage:

Shelf life is 24 months from the date of manufacture when stored in a clean, dry area. • Store between 4° to 32°C (40° to 90°F). For best results, store the sealant in tightly closed containers when not in use.

Shelf Life:

One year

Joint Size	Linear Feet
1/4" x 1/4"	24.8
1/4" x 3/8"	16.5
1/4" x 1/2"	12.4
1/2" x 3/8"	8.7
1/2" x 1/2"	6.2
3/4" x 1/2"	4.1

Typical Physical Properties

Property	Results	Test Method
Viscosity	400,000 cps	
Elongation	550%	ASTM D412
Tensile Strength (D412)	325 psi	ASTM D412
Shore A Hardness	25	ASTM C661
Tack Free Time	25 minutes	ASTM C679
Adhesion to:		
Aluminum	14.7 pli	ASTM C794
Glass	14.2 pli	ASTM C794
Concrete	13.5 pli	ASTM C794