



GAUDON® G2 — Window & Door Silicone Sealant

STORM SEAL · WINDOW & DOOR · ONE-COMPONENT
NEUTRAL-CURE SILICONE



10.1 fl oz cartridge

TECHNICAL DATA SHEET

VERSION 2.0 · REVISED JUL 2026
REF GDN-TDS-G2-2026-07

GAUDON® G2 Window & Door Silicone Sealant is a one-part, neutral-curing (alkoxy) silicone engineered for durable sealing of exterior perimeter joints exposed to weather and movement. It cures at room temperature to form a flexible, waterproof seal that resists cracking, shrinking, and weather-related deterioration — ideal for windows, doors, siding, trim, and other compatible interior and exterior sealing around building openings.

COMPOSITION	CURE SYSTEM	VOC	SERVICE	COLORS
1-part neutral RTV	Neutral (alkoxy)	22.3 g/L	-40° to 300°F	6 + custom

FEATURES & BENEFITS

- ▶ Durable exterior weatherseal
- ▶ All-season flex — flexes in heat & cold
- ▶ Won't crack or shrink over time
- ▶ Neutral cure — low-odor, non-corrosive
- ▶ Strong adhesion to common perimeter substrates
- ▶ Low-VOC — SCAQMD Rule 1168 (SGS-tested)
- ▶ Resists rain, sun & temperature swings
- ▶ Indoor and outdoor use

APPLICATION BASICS

Skin time	5–10 min	Application temperature	40° to 100°F
Tack-free time	~30 min	Service range	-40° to 300°F
Full cure	24–48 hr	Cleanup (uncured)	Mineral spirits
Shelf life	18 months	Packaging	10.1 oz cartridge (12)

Adheres to: glass, aluminum, vinyl, PVC, brick, masonry, stone, and most common window & door perimeter substrates. Porous or coated surfaces may require priming — test adhesion before full-scale use.

Colors: Clear, Porcelain White, Gray, Black, Anodized Clear, Dark Bronze; custom colors available.

WHERE TO USE

- Window-perimeter sealing
- Door-frame joints
- Exterior trim & siding joints
- Façade & exterior joints
- Weatherproofing around openings
- General interior & exterior sealing

WHERE NOT TO USE

- × Structural glazing or structural bonding
- × Painting over the sealant (not paintable)
- × Continuous water immersion (unless fully cured)
- × Porous substrates without prep / primer
- × Oil / plasticizer-bleeding substrates
- × Wet, dirty, or frozen surfaces

COMPLIANCE & SPECIFICATIONS

- ✓ Meets **ASTM C920-18(2024)** for extrusion rate, hardness, adhesion-in-peel (aluminum & glass), staining resistance & accelerated weathering
- ✓ Complies with **SCAQMD Rule 1168** VOC limits
- ✓ Manufactured in an **ISO 9001:2015** facility
- ✓ **TSCA** compliant

TECHNICAL PROPERTIES

TYPICAL VALUES — NOT INTENDED FOR SPECIFICATION PURPOSES

Property	Value	Method / Source
Cure system	Neutral, moisture-cure (alkoxy)	Manufacturer data
Base	100% silicone (one-part RTV)	Manufacturer data
Consistency / appearance	Smooth, non-slump paste	Manufacturer data
VOC content	22.3 g/L · Rule 1168 compliant	SGS · SCAQMD 1168
Shelf life	18 months, unopened, below 80°F	Manufacturer data

VOC content is independently tested by SGS (report no. GZIN2601000312PL02; SCAQMD Rule 1168 / U.S. EPA Method 24). Other unmarked values are typical (manufacturer data); independent ASTM C920-18 performance results are summarized below.

ASTM C920-18 TEST RESULTS (independently tested by Intertek)

INTERTEK REPORT 260403010GZU-001 · ISSUED AUG 2026			
Property	Result	ASTM C920 requirement	Verdict
Extrusion rate	38 mL/min	≥ 10 mL/min	Pass
Hardness (Shore A)	32	< 60	Pass
Adhesion-in-peel (aluminum)	92 N; 86 N after 7-day water soak	≥ 22.2 N, ≤ 25% adhesive loss	Pass
Adhesion-in-peel after UV (glass)	69 N — cohesive failure	≥ 22.2 N	Pass
Stain & color change	No visible stain on white cement	No visible stain	Pass
Accelerated weathering (250 h Xenon + bend)	No cracks	No cracks	Pass

Independently type-tested by Intertek to ASTM C920-18(2024) (report no. 260403010GZU-001). Values above are the tested performance results.

COVERAGE GUIDE (approximate, continuous bead)

Bead size (W × D)	10.1 fl oz cartridge
1/4" × 1/4"	~24 linear ft
3/8" × 3/8"	~11 linear ft
1/2" × 1/2"	~6 linear ft

APPLICATION INSTRUCTIONS

1. Make sure surfaces are clean, dry, sound, and free of old sealant, dust, grease, loose material, and contaminants that could affect adhesion.
2. Confirm joint faces are dry and properly prepared; use suitable joint design and closed-cell backer rod where required.
3. Cut the nozzle at a 45° angle to the desired bead size and puncture the inner seal; load into a standard caulking gun.
4. Apply a continuous bead with steady, even pressure, making full contact with both sides of the joint.
5. Tool the bead before a skin forms to ensure full contact, proper joint fill, and a neat finish.
6. Allow the sealant to develop sufficient cure before exposing to heavy moisture, cleaning, or service movement.

STORAGE, SAFETY & WARRANTY

Storage: store unopened in a cool, dry, well-ventilated area below 80°F (27°C), out of direct sunlight. Shelf life 18 months from manufacture in the original unopened package. **Safety:** review the current SDS before use; use in well-ventilated areas, avoid eye/skin contact, wear gloves, keep out of reach of children. **Limited warranty:** manufacturer warrants performance, used as directed, for one (1) year from date of purchase; limited to replacement cost of product only. Manufacturer and seller are not liable for incidental or consequential damages.

DISCLAIMER: The data reported herein are based on independent laboratory testing and information from the product's manufacturing source and are believed to be reliable and accurate as of the date of issue. No warranty, express or implied, is made as to the accuracy of such data or the results to be obtained from their use. This information is provided for reference only and does not relieve the user of the responsibility to determine the product's suitability through independent testing. All values presented in this document are approximate and subject to change without notice. The information provided is intended as a general guide only and does not constitute a specification for all applications. Except for the limited warranty stated above, no other warranty is expressed or implied, including any warranty of fitness for a particular purpose. Because conditions and usage are beyond the manufacturer's control, neither manufacturer nor seller assumes responsibility for the use or misuse of this product. Each user is solely responsible for determining the suitability of this product for its particular use and application, including prior testing under actual jobsite conditions. No responsibility is assumed for coverage, performance, or injuries resulting from the use of this product. Liability, if any, is limited to replacement cost of product. Please refer to www.gaudon.store for the most up to date Technical Data Sheets and Safety information.