



2300® Roof Tripolymer Sealant

- Will not crack
- Asphalt shingle compatible
- Exceptional elongation and flexibility
- Excellent adhesion even when damp
- UV resistant
- Resealable, may be applied over itself
- Paintable
- Easily applied, non-stringing formulation
- Available in crystal clear and colors
- Cured sealant is mildew resistant

Basic Uses:

- Where UV resistant material is required.
- Where a paintable sealant is required.

AdheresTo:

Asphalt shingles, modified bitumen, coated steel (Kynar 500® based finishes), concrete, vinyl, and steel.



24 cartridges (19 lbs.) per case

Case dimensions (L x W x H):

Composite: 8 1/4" x 13 3/8" x 12 1/2"

Plastic: 8 1/4" x 13 3/8" x 12 1/8"

5 Gallon Pail: 12" x 12" x 14"



PRODUCT DATA SHEET

SOLVENT TECHNOLOGY

Composition and Materials:

2300 Sealant is based on a proprietary formulation of polymers designed to provide optimum flexibility, adhesion, weather resistance, and durability. 2300 Sealant retains its flexibility due to absence of plasticizers, which tend to migrate out causing hardening and reduced durability. Due to the mild solvent blend contained in the sealant, 2300 Sealant is not a flammable liquid according to NFPA liquid guidelines. It is weather and UV resistant. Its clear formulation is literally clear as glass from the moment of application.

Grade:

Gun-grade consistency

Primer:

Not required on most surfaces. If primerless adhesion to a particular surface substrate is a question, a test application is recommended. Contact our Technical Service Department for further information.

Limitations:

- Do not use on extruded polystyrene insulating sheathing (foam board, etc.)
- Do not use on acrylic skylight glazing surfaces
- Do not use in areas where food is stored or processed
- For exterior use only due to odor emitted during cure
- Do not use for potable water applications

Installation:

Joint Design: For optimum results, joints should be a minimum of 4 times greater than anticipated movement. Minimum recommended joint size is ¼" x ¼". Maximum joint size should be ½" x ¾" in depth.

Surface Preparation:

Priming is not required unless specified above. For best results, joints should be basically clean and surface dry, although dampness from dew will not interfere with adhesion. Do not use xylene or MEK to clean joints or to remove surface coatings unless the surface is allowed to dry before application of sealant. If the joint is wet with solvent, the sealant will not adhere properly. Use of a dry rag or brush to remove dust, dirt, or other contaminants is recommended. Contamination from curing agents and from releases should be avoided. Contact Geocel Products Group's Technical Service Department or their representative if such agents are involved.

Joint Backing:

Joint depth should not exceed ¾". An open cell backer rod should be used to control joint depth. In shallow joints, a bond breaker tape should be installed to prevent three-point contact.

Application and Tooling:

Apply with conventional caulking equipment, filling joint completely. When temperature is below 40° F (4.5° C), application will be easier if sealant is warmed. When temperature of surface to be sealed exceeds 140° F (60° C), do not apply sealant until surface cools. A soap solution may be used as a lubricant for tooling. Do not allow tooling agents to contaminate open joints.

Painting:

Sealant may be painted after 24 hours. If using a relatively inflexible paint, allow sealant to cure for four days before painting. 2300 Sealant may be coated with any latex and most oil-based paints. Some paints may crack when used on dynamic joints. See paint manufacturer's specifications.

Cleaning:

Promptly clean up any excess sealant on surface or tools with a regionally compliant cleaning solvent. Follow manufacturer's precautions when handling flammable or toxic solvents. Wash hands with soap and water.

Cautions:

DANGER! HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE! VAPOR HARMFUL. IRRITATES EYES, SKIN AND RESPIRATORY TRACT.

CAUTION: Contains AROMATIC HYDROCARBONS. Contents are COMBUSTIBLE. Keep away from heat and open flame. 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. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

Availability and Cost:

2300 colors may not be sold in the SCAQMD of California. Available from various 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:

If when applied according to label directions this product fails to perform in accordance with its published literature, upon satisfactory evidence of product failure, and as your sole remedy, we will either replace the product at no cost or refund the original purchase price. Labor or costs associated with labor are not included. **THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, WHICH ARE ALL DISCLAIMED AND/OR LIMITED IN DURATION TO THE EXTENT PERMITTED BY LAW. WE SHALL NOT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS) FROM ANY CAUSE WHATSOEVER AND SUCH DAMAGES ARE EXPRESSLY EXCLUDED.** Some states do not allow the exclusion or limitation of incidental or consequential damages or how long an implied warranty lasts, so the above limitation or exclusion may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

Maintenance:

No maintenance should be required. If the sealant is damaged, either remove the bead and reseal with 2300 Sealant or apply additional 2300 Sealant over the damaged Area.

Application Temperature: 0° F to 140° F

Service Temperature: -40° F to 180° F

Storage:

Heated storage is not required. Product will not freeze. Store in a clean, dry area.

Shelf-Life:

18 months from date of manufacture

Joint Size	Linear Feet
¼" x ¼"	24.8
¼" x ⅜"	16.5
¼" x ½"	12.4
½" x ⅜"	8.7

Typical Physical Properties

Property	Results	Test Method
Shore A Hardness	39	ASTM C661
Tensile Strength at Peak (psi)	386	ASTM D412
Elongation at Break (%)	585%	ASTM D412
Tack Free Time	120 min	ASTM C679
Adhesion to aluminum	16.4 lbf	ASTM C794
Adhesion to Kynar®	13.7 lbf	ASTM C794
Adhesion to Wood	17.1 lbf	ASTM C794
Adhesion to Vinyl	18.6 lbf	ASTM C794

CLEAR	WHITE	GRAY	BLACK	BROWN	BRONZE	TAN	DRIFTWOOD	TERRA

Part No	Country	Color	Package Type	UPC	SCC
GC66100	USA	Clear	Composite Fiberboard 10.3 oz. cartridge	0 79239 66100 9	200 79239 66100 3
GC66101	USA	White	Composite Fiberboard 10.3 oz. cartridge	0 79239 66101 6	200 79239 66101 0
GC66101X*	USA	White	Composite Fiberboard 10.3 oz. cartridge	0 79239 06101 4	000 79239 66101 6
GC66102	USA	Gray	Composite Fiberboard 10.3 oz. cartridge	0 79239 66102 3	200 79239 66102 7
GC66102X*	USA	Gray	Composite Fiberboard 10.3 oz. cartridge	0 79239 06102 1	000 79239 66102 3
GC66103	USA	Black	Composite Fiberboard 10.3 oz. cartridge	0 79239 66103 0	200 79239 66103 4
GC66103X*	USA	Black	Composite Fiberboard 10.3 oz. cartridge	0 79239 06103 8	000 79239 66103 0
GC66104	USA	Brown	Composite Fiberboard 10.3 oz. cartridge	0 79239 66104 7	200 79239 66104 1
GC66104X*	USA	Brown	Composite Fiberboard 10.3 oz. cartridge	0 79239 06104 5	000 79239 66104 7
GC66105	USA	Bronze	Composite Fiberboard 10.3 oz. cartridge	0 79239 66105 4	200 79239 66105 8
GC66105X*	USA	Bronze	Composite Fiberboard 10.3 oz. cartridge	0 79239 06105 2	000 79239 66105 4
GC66900	USA	Clear	Clear Plastic 10.3 oz cartridge	0 79239 66900 5	200 79239 66900 9
GC66400	USA	Clear	Metal Pail	0 79239 66400 0	n/a
GC66401X*	USA	Black	Metal Pail	0 79239 66403 1	n/a
GC66405X*	USA	Bronze	Metal Pail	0 79239 66405 5	n/a
GC66901	USA	White	Plastic 10.3 oz. cartridge	0 79239 66901 2	200 79239 66901 6
GC66901X*	USA	White	Plastic 10.3 oz. cartridge	0 79239 06901 0	000 79239 66901 2
GC66902	USA	Gray	Plastic 10.3 oz. cartridge	0 79239 66902 9	200 79239 66902 3
GC66902X*	USA	Gray	Plastic 10.3 oz. cartridge	0 79239 06902 7	000 79239 66902 9
GC66903	USA	Black	Plastic 10.3 oz. cartridge	0 79239 66903 6	200 79239 66903 0
GC66903X*	USA	Black	Plastic 10.3 oz. cartridge	0 79239 06903 4	000 79239 66903 6
GC66904	USA	Brown	Plastic 10.3 oz. cartridge	0 79239 66904 3	200 79239 66904 7
GC66904X*	USA	Brown	Plastic 10.3 oz. cartridge	0 79239 06904 1	000 79239 66904 3
GC66905	USA	Bronze	Plastic 10.3 oz. cartridge	0 79239 66905 0	200 79239 66905 4
GC66905X*	USA	Bronze	Plastic 10.3 oz. cartridge	0 79239 06905 8	000 79239 66905 0
GC66907	USA	Tan	Plastic 10.3 oz. cartridge	0 79239 66907 4	200 79239 66907 8
GC66907X*	USA	Tan	Plastic 10.3 oz. cartridge	0 79239 06907 2	000 79239 66907 4
GC66915	USA	Driftwood	Plastic 10.3 oz. cartridge	0 79239 66915 9	200 79239 66915 3
GC66915X*	USA	Driftwood	Plastic 10.3 oz. cartridge	0 79239 06915 7	000 79239 66915 9
GC66917	USA	Terra	Plastic 10.3 oz. cartridge	0 79239 66917 3	200 79239 66917 7
GC66917X*	USA	Terra	Plastic 10.3 oz. cartridge	0 79239 06917 1	000 79239 66917 3
GC66850	CANADA	Clear	Clear Plastic 10.3 oz. cartridge	0 79239 66850 3	200 79239 66850 7
GC66851	CANADA	White	Plastic 10.3 oz. cartridge	0 79239 66851 0	200 79239 66851 4
GC66851X*	CANADA	White	Plastic 10.3 oz. cartridge	0 79239 06851 8	000 79239 66851 0
GC66852	CANADA	Gray	Plastic 10.3 oz. cartridge	0 79239 66852 7	200 79239 66852 1
GC66852X*	CANADA	Gray	Plastic 10.3 oz. cartridge	0 79239 06852 5	000 79239 66852 7
GC66853	CANADA	Black	Plastic 10.3 oz. cartridge	0 79239 66853 4	200 79239 66853 8
GC66853X*	CANADA	Black	Plastic 10.3 oz. cartridge	0 79239 06853 2	000 79239 66853 4
GC66854	CANADA	Brown	Plastic 10.3 oz. cartridge	0 79239 66854 1	200 79239 66854 5
GC66854X*	CANADA	Brown	Plastic 10.3 oz. cartridge	0 79239 06854 9	000 79239 66854 1
GC66855	CANADA	Bronze	Plastic 10.3 oz. cartridge	0 79239 66855 8	200 79239 66855 2
GC66855X*	CANADA	Bronze	Plastic 10.3 oz. cartridge	0 79239 06855 6	000 79239 66855 8

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COUNTRY: USA
Part numbers ending with an "X" designate a new non-perchloroethylene formula which the current product contains. U.S. Federal Regulations: TSCA Final Risk Management for Perchloroethylene: After December 8, 2026, sealants containing this chemical cannot be distributed in commerce to retailers for any use. After March 8, 2027, sealants containing this chemical substance cannot be sold for any purpose. After June 7, 2027, sealants containing this chemical cannot be used for any purpose. This is a running change. Shipment of the new formulas under the new part numbers will begin in late 2025.

COUNTRY: CANADA
Part numbers ending with an "X" designate a new non-perchloroethylene formula which the current product contains. New formulas under the new part numbers will begin shipping