

Geocel®

Geocel 4300™ Clear Sealant

Geocel 4300™ Clear Sealant is a high performance, chemically curing sealant that offers excellent adhesion to many substrates including wood, concrete, metal, glass, tile, brick, PVC, and EPDM.

Geocel 4300™ Clear Sealant can be used as an interior/exterior sealant, can withstand most weather conditions, is UV resistant and is tolerant to damp surfaces**. Geocel 4300™ Clear Sealant provides minimal shrinkage.

- Meets ASTM C 920
- Minimal Shrinkage
- Remains flexible
- UV resistant
- Applies in damp or dry conditions**
- Paintable with latex-based paints

Basic Uses:

- Interior & exterior applications
- Most non-traffic-bearing joints
- Through-roof penetrations, flashings, gutters, solar panel installation
- Underdecking installation
- As a trim sealant for metal components
- Windows and doors

Adheres To:

Wood, concrete, metal, glass, tile, brick, asphalt shingles, and other common building substrates



PRODUCT DATA SHEET

HYBRID TECHNOLOGY

Composition and Materials:

Advanced proprietary, proprietary technology

Grade:

Gun grade, non-sag consistency

Primer:

Good primer less adhesion to many common building substrates. However, for joints where high movement is anticipated, the use of a primer is recommended. If primer less adhesion to a particular substrate is in question, a test application is recommended. Contact our Technical Service Department for further information.

Limitations:

- Do not use on traffic-bearing surfaces
- Do not use in areas where food is stored or processed
- Do not use for portable water applications
- Do not use on marble surfaces as staining may occur

Installation:

Joint Design: The width of the joint should be a minimum of 4 times the anticipated movement. In joints up to 1/2" wide, the depth of the sealant should be equal to the width, but not less than 1/4". For larger joints and where the joint depth exceeds 5/16", use a polyethylene backer rod that is 25% larger than the joint opening. Install all joint applications per ASTM recommendations and guidelines. Joints must have a depth to width ratio of 1:2 (joint depth 1/2 of the width). To prevent three-point contact, a backer rod or bond breaker tape must be used to ensure proper joint movement and a weatherproof seal.

Part #	Color (USA)		UPC	SCC
GC58000	Clear		0 79239 58000 3	200 79239 58000 7

24 cartridges (19lbs.) per case; Case dimensions: 8.25 L x 12.00 W x 11.875 H

** Damp surfaces will not interfere with product performance. However, sealant may become cloudy in appearance.

Surface Preparation:

Joint surfaces must be dry, clean, and free of all contamination. Glass, metal, and other non-porous surfaces must be free of any coatings and be wiped clean with solvent. Follow manufacturer's instructions for safe use. Precast panels using form-release agents other than polyethylene film must be sand blasted or mechanically abraded and blown or brushed free of dust.

Application Standard:

Conforms to ASTM C920, Type S, Grade NS, Class 50, Use T, NT, G and A. USDA accepted.

Application and Tooling:

Trim nozzle to between 1/4" – 3/8". Smaller openings can cause back pressure, resulting in leaks around the plunger and run-on out of the nozzle. Puncture inner foil liner. Place cartridge in a conventional caulking gun and apply with steady pressure, filling joint completely. Tool into seams and cracks immediately after application.

Painting:

May be painted immediately after application with latex-based paints

Cleaning:

Remove Geocel 4300 Clear Sealant from gun and tools before it cures. 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. Cured materials may be removed by cutting with sharp tools or sandpapering

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. Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. WARNING: This product contains chemicals known to the state of California to cause cancer. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

Availability and Cost:

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:

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.

Product Cure:

4 days

Application/Service Temperatures:

Application: 30°F - 120°F (-1°C - 48°C)

Service: -75°F - 250°F (-59°C - 121°C)

Storage:

For maximum shelf life, store unopened product at or below 80°F.

Shelf Life:

One year

Joint Size	Linear Feet
1/4" x 1/4"	22.9
1/4" x 3/8"	15.2
1/4" x 1/2"	11.4
1/2" x 3/8"	8.0
1/2" x 1/2"	5.7
3/4" x 1/2"	3.8

Typical Physical Properties		
Property	Results	Test Method
Elongation	250%	ASTM D412
Tensile Strength	225 psi	ASTM D412
Tack Free	40 minutes	ASTM C679
Viscosity	350,000-450,000 cps	
Shore A Hardness	25	ASTM C661
Adhesion to:		
Aluminum	14.8 pli	ASTM C794
Glass	17.6 pli	ASTM C794