

Geocel 4300™ Clear Sealant

1. PRODUCT NAME:

Geocel 4300™ Clear Sealant

2. MANUFACTURER:

Geocel Products Group

A Business Unit of

The Sherwin-Williams Company

("Geocel Products Group")

Cleveland, OH 44115

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3. PRODUCT DESCRIPTION:

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.

Product Benefits:

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

Basic Uses: Internal and external applications:

- Most non-traffic-bearing joints
- Through roof penetrations, flashings, gutters, solar panel installation

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



- Underdecking installation
- As a trim sealant for metal components
- Windows and doors

Adheres to: Wood, concrete, metal, glass, tile, brick, and other common building substrates

Composition and Materials: Advanced proprietary technology

Grade: Gun grade, non-sag consistency

Primers: Good primerless adhesion to most common building substrates. However, for joints where high movement is anticipated, the use of a primer is recommended. If primerless adhesion to a particular substrate is in question, a test application is recommended. Contact Geocel Products Group's Technical Service Department for further information.

Packaging: 9.5 fl. oz. cartridge

Color: Crystal clear

Application Standards: Meets ASTM C 920, Type S, Grade NS, Class 25, use NT, A, G, and M.

Limitations:

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

4. INSTALLATION:

Joint Designs: 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.

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.

Elongation: 270%

Tack Free: 40 minutes

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. This may be done by scraping and the use of solvents such as Xylol or mineral spirits. Follow manufacturer's instruction for safe use. Cured materials may be removed by cutting with sharp tools or sandpapering.

Storage Life: One year

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.

Warning: This product contains a chemical known to the state of California to cause cancer. DO NOT TAKE INTERNALLY. **KEEP OUT OF REACH OF CHILDREN.**

5. 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.

6. 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 for that portion of product that fails to perform in accordance with this limited warranty. 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 which vary from state to state.

7. MAINTENANCE:

No maintenance should be required.

8. TECHNICAL SERVICES:

Geocel Products Group representatives throughout the U.S. are available to provide technical assistance. Geocel Products Group's in-house technical staff and laboratory facilities are equipped to respond to specific requests for further information and/or application testing.

THEORETICAL YIELD

Per 9.5 fl. oz. Cartridge

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

For additional product information, refer to the product spec sheet located at www.GeocelUSA.com.