



1. PRODUCT NAME:

Geocel 4500® Roof Bonding 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 4500® Roof Bonding Sealant is a premium one-component, proprietary bonding sealant specifically designed for roofing applications and systems. The advanced technology of Geocel 4500 Roof Sealant results in a product that quickly withstands ponding water while bonding to many common roofing substrates.

Product Benefits:

- 2 products in 1 – lap adhesive & scrim edge sealant
- No additional adhesives or sealants needed
- Remains flexible
- Works with EPDM membranes, tapes, and patches

Basic Uses: For repairing and sealing around through-roof projections, termination points, and flashings. Also as an EPDM lap cement adhesive or scrim edge sealant.

Adheres to: Asphalt shingles, concrete, steel, EPDM, primed TPO, primed PVC, Hypalon (black only), metal, wood, and other common building substrates.

Composition and Materials:

Proprietary technology

Grade: Gun grade consistency

Primer: Not required on most surfaces. On TPO and PVC membrane applications, a primer is required.

Packaging: 10 fl. oz. cartridge.

Colors: Black and white

Limitations:

- Do not use on unprimed TPO or PVC membranes
- Do not use black 4500 Roof Sealant on white EPDM
- Do not use white 4500 Roof Sealant on black EPDM
- Do not use for continuous underwater applications

4. INSTALLATION:

Surface Preparation: For best results, ensure surfaces are clean, dry, sound, and frost-free.

Elongation: 559% - Black; 465% - White

Tack Free: 30 minutes – Black; 1 hour – White

Cure (1/4" by 1/4" bead): 3 days – Black; 3 days - White

Application and Tooling: Cut tip of nozzle to required width of bead and puncture foil seal. Place cartridge in gun and apply with steady pressure. Press membranes together to allow sealant to spread out and around the seam. If tooling is required, tool joints no less than 1/4" in thickness immediately after application. Maintain a 1/4" thickness if troweled or spread. For best results, remove dust, dirt, and loose materials. Surfaces should be clean.

Cleaning: Remove 4500 Roof Sealant from the gun and tools before it cures. This may be done by scraping and use of regionally compliant solvents. Observe manufacturer's precautions when using toxic or flammable solvents. Cured materials may be removed by cutting with sharp tools.

Storage Life: One year (unopened)

Cautions: CONTAINS CRYSTALLINE SILICA. 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. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. 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 and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN**

5. 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.

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. If the sealant is damaged, remove bead, clean joint, and reseal with Geocel 4500 Roof Sealant.

8. TECHNICAL SERVICES:

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

THEORETICAL YIELD

Per 10 fl. oz. Cartridge

Joint Size	Linear Feet
1/4" x 1/4"	24.1
1/4" x 3/8"	16.0
1/4" x 1/2"	12.0
1/2" x 3/8"	8.4
1/2" X 1/2"	6.0
3/4" x 1/2"	4.0

For additional product information, refer to the product spec sheet located at www.GeocelUSA.com and/or application testing.