

Geocel®

4525™ Semi-self-leveling Sealant

4525™ Semi-self-leveling Sealant is a hybrid sealant that requires no mixing and can be used in damp or dry conditions. At 75°F it has a quick tack free time of 40 minutes. Simply pour it in place and it cures to form a weather resistant, durable seal for a variety of pitch pans and repairs, including EPDM.

- Can be applied in damp or dry conditions
- No priming required on most substrates
- Semi-self-leveling
- One-part, no mixing
- Compatible with Geocel 4500® Roof Bonding Sealant
- Remains flexible
- Will not distort due to weather, stress, water, movement, or aging

Basic Uses:

- Pitch pans and pockets
- Repairs to EPDM lap seams, scrim edges, tears, and holes

Adheres To:

EPDM, primed TPO, primed PVC, many metals, asphalt shingles, concrete, and many other common building substrates.



PRODUCT DATA SHEET

HYBRID TECHNOLOGY

Composition and Materials:

Advanced proprietary, hybrid technology

Grade:

Semi-self-leveling consistency

Primer:

Good primer less adhesion to most common building substrates. However, for joints where high movement is anticipated, the use of a primer is recommended. On TPO and PVC membrane applications, a primer is required. Geocel recommends using 45P® TPO & PVC Primer. Contact Geocel Products Group's Technical Service department for further information.

Limitations:

- Do not use on unprimed TPO or PVC
- Do not use for broad applications
- Do not use for portable water applications

Part #	Color (USA)		UPC	SCC
GC55423	Black		0 79239 55423 3	100 79239 55423 0
GC55323	Black		0 79239 55323 6	

1 cartridge(s) (30 lbs.) per case; Case dimensions: 9.00 L x 9.00 W x 11.50 H

Surface Preparation:

With a wire brush, remove all previously applied caulk, asphalt, pitch, cement, and other contaminants surrounding the penetration. Brush away all loose debris before applying.

Application and Tooling:

To apply, remove cap from pouch and pour into place and tool if desired. To reseal pouch, squeeze out all excess air and replace cap.

Painting:

May be painted once tack-free with latex-based paints.

Cleaning:

Remove 4525 Sealant from 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.

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. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. 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. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. 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.

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:

4525 Sealant is a moisture cure sealant. Rate of cure is dependent on atmospheric conditions. Curing proceeds at a rate of 1/8" to 1/4" a week at 75°F and 50% RH. Lower temperature and humidity conditions will inhibit the rate of cure. Higher temperature and humidity conditions will accelerate the rate of cure.

Application/Service Temperatures:

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

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

Storage:

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

Shelf Life:

18 months

Typical Physical Properties

Property	Results	Test Method
Elongation	217%	ASTM D412
Tensile Strength	176 psi	ASTM D412
Tack Free	40 minutes at 75°F, 50% RH	ASTM C679
Shore A Hardness	35	ASTM C661
Adhesion to:		
Concrete	12.8 pli	ASTM C794
Galvanized Steel	11.6 pli	ASTM C794
Aluminum	10.1 pli	ASTM C794