



4900™ Textured Hybrid Construction Sealant

Geocel 4900™ Textured Hybrid Construction Sealant is a single component, high performance sealant that is durable and ideal for non-structural mortar repairs and blending dissimilar surfaces. It bonds to both porous and non-porous substrates while providing the appearance of mortar.

- Textured Mortar Like appearance for indoor /outdoor applications
- Initial high-tack with no slump
- Adheres in low temperatures/damp conditions
- Remains flexible
- Paintable

Basic Uses:

- Panel to panel joints
- Concrete joints
- Stucco repairs
- Roof flashings
- Chimney repair
- Non-structural mortar repair

Adheres To:

- Mortar
- Concrete
- Lead flashings
- Metal
- Vinyl
- OSB
- Ceramic tile
- Pavers
- Brick
- Stucco



PRODUCT DATA SHEET

HYBRID TECHNOLOGY

Standards:

Meets the performance requirements of ASTM C920, Type S, Grade NS, Class 50, use NT, A, G, M and T.

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 in direct contact with fire or in long-term high temperature applications
- Test suitability for intended application before proceeding with full applications is recommended.
- Do not use for potable water applications or where food is processed

Application/Service Temperatures:

Application: 0° F - 120° F (-17°C - 49°C)

Service: -40° F - 158° F (-40°C - 70°C)

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 3/8" in depth.

Part #	Color (USA)	UPC	SCC
GC49101	White	0 79239 49101 9	200 79239 49101 3
GC49102	Gray	0 79239 49102 6	200 79239 49102 0
GC49103	Black	0 79239 49103 3	200 79239 49103 7

24 cartridges (19 lbs.) per case; 12.25" L x 8.375" W x 12.375" H

Surface Preparation:

Priming is not normally required. For best results, joints should be basically clean and surface dry, although dampness from dew will not interfere with adhesion. Contact Geocel Products Group's Technical Service Department or representative if such agents are involved.

Joint Backing:

Joint depth should not exceed 1/2". 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.

Installation:

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 ration 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 create a weatherproof seal.

Application and Tooling:

Apply with conventional caulking equipment, filling joint completely. Use of a premium, high ratio caulking gun suitable for high viscosity materials is recommended.

Painting:

Sealant may be painted after 24 hours. 4900 Textured Hybrid Construction 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:

Remove Geocel 4900 Textured Hybrid Construction 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:

Some applications may not be compatible with this product. Testing for substrate compatibility and adhesion must be performed by the user before proceeding with full application.

Availability and Cost:

4900 Textured Hybrid Construction Sealant is 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 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.

Maintenance:

No maintenance should be required. If the sealant is damaged, remove the bead and reseal with 4900 Textured Hybrid Construction Sealant over the damaged area.

Storage:

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

Shelf Life:

12 months

Joint Size	Linear Feet
1/4 "x 1/4 "	24.8
1/4 "x 3/8"	16.5
1/4"x 1/2"	12.4
1/2" x 3/8"	8.7
1/2" x 1/2"	6.0
3/4" x 1/2"	4.0

Typical Physical Properties		
Property	Results	Test Method
Elongation at Break (%)	>600%	ASTM D412
Tensile Strength (psi)	135	ASTM D412
Tack Free Time	60 mins.	ASTM C793
Shore A Hardness	46 +/- 3	ASTM C661
Viscosity	750,000 cps	
VOC Content	8 gm/L	
Curing Mechanism	Moisture Curing	