



Geocel 4350™ Construction Sealant

Geocel 4350™ Construction Sealant is a high performance, chemically curing hybrid sealant that offers excellent adhesion to many substrates including wood, concrete, metal, glass, tile, brick, vinyl, and asphalt shingles

- Meets ASTM C 920, Type S, Grade NS, use NT, A, M, AND G
- Interior/Exterior
- UV resistant
- Applies in damp or dry conditions
- Paintable with latex-based paints

Basic Uses:

Interior & Exterior applications:

- Most non-traffic-bearing joints
- Primer-less application to brick, concrete, metal, glass, treated and untreated wood, asphaltic materials, and vinyl
- Through-roof penetrations, flashings, gutters, solar panel installation
- Underdecking installation
- Windows and doors
- As a trim sealant for metal components

Adheres To: Coated steel, Aluminum, Wood, glass, tile, brick, asphalt shingles, EPDM, Fiber cement board, skylights, primed TPO, primed PVC, and other common building substrates

Text



PRODUCT DATA SHEET

HYBRID TECHNOLOGY

Composition and Materials:

Advanced proprietary, hybrid technology

Grade:

Gun grade, non-sag consistency

Primer:

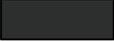
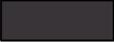
Good primer-less adhesion to many common building substrates. However, for joints where high movement is anticipated, the use of a primer is recommended. If primer-less adhesion to a particular substrate is in question, a test application is recommended. Contact our Technical Service Department for further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

Limitations:

Do not use on traffic-bearing surfaces

Do not use in areas where food is stored or processed

Do not use for potable water applications

| Part # | Color (USA) | UPC | SCC |
|---------|---|-----------------|-----|
| GC58581 | Gray  | 0 79239 58581 7 | |
| GC58281 | Black  | 0 79239 58281 6 | |
| GC58486 | Medium Bronze  | 0 79239 58486 6 | |
| GC58485 | Bronze  | 0 79239 58485 8 | |
| GC58881 | White  | 0 79239 58881 | |

24 cartridges (28 lbs.) per case; Case dimensions: 34.0 cm L x 21.0 cm W x 30.1 cm H

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.

Joint Backing:

Joint depth should not exceed 1 cm. 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.

Application and Tooling:

Trim nozzle to between 6 – 10 mm. 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 4350 Construction Sealant from gun and tools before it cures. This may be done by scraping and the use of regionally available solvents. Follow manufacturer's instructions for safe use. Cured materials may be removed by cutting with sharp tools or sandpapering.

Cautions:**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:

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. This warranty gives you specific legal rights and provides exclusions/limitations on certain damages. Such exclusions/limitations may not apply to you and you may have other rights which vary from province to province.

Maintenance:

No maintenance should be required.

| Joint Size | Linear Feet |
|---------------|-------------|
| 6 mm x 6 mm | 7.3 |
| 6 mm x 10 mm | 4.8 |
| 6 mm x 13 mm | 3.7 |
| 10 mm x 13 mm | 2.6 |
| 13 mm x 13 mm | 1.8 |
| 13 mm x 19 mm | 1.2 |

Typical Physical Properties

| Property | Results | Test Method |
|------------------|----------------------|-------------|
| Shore A Hardness | 27 | ASTM C661 |
| Tensile Strength | 220 psi | ASTM D412 |
| Elongation | 254% | ASTM D412 |
| Tear Strength | 27 pli | ASTM D624 |
| Tack Free Time | Greater than 2 hours | ASTM C679 |
| Adhesion to: | | |
| Vinyl | 13.0 pli | ASTM C794 |
| Aluminum | 11.1 pli | ASTM C794 |
| Steel | 13.7 pli | ASTM C794 |
| Kynar 500® | 12.0 pli | ASTM C794 |

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