



Transportation
Sealants & Adhesives

TECHNICAL
DATA

2320[®] / 2321[®] CONSTRUCTION

GUTTER AND NARROW SEAM SEALANT

1. PRODUCT NAME:

2320[®] / 2321[®] Construction
Tripolymer Gutter and
Narrow Seam Sealant

2. MANUFACTURER:

GEOCEL, LLC
P.O. Box 398
Elkhart, IN 46515 USA
Phone: (800) 348-7615
Fax: (800) 348-7009
www.GeocelUSA.com

3. PRODUCT DESCRIPTION:

2320/2321 Gutter and Narrow Seam Sealant is a single component, semi-self-leveling, high-performance tripolymer sealant designed to prevent the passage of air and moisture through small joints or seams.

Product Benefits:

- Excellent adhesion to many building surfaces, even when wet or oily
- Superior ultraviolet resistance
- Paintable
- Semi-self-leveling
- Cleans up easily
- Asphalt shingle compatible

Basic Uses:

For sealing aluminum, galvanized and vinyl-clad gutters, end caps, and downspouts. It is also recommended for lap joints, storm windows, metal awnings, vents, flashing, side corner joints, and thresholds when a small joint sealant is required.

Adheres To: Asphalt shingles, brick (masonry), concrete, glass, vinyl, wood, sheet metal, and other common building substrates

Composition and Materials: 2320/2321 Sealant is based on a proprietary tripolymer formulation. This formula produces a product with exceptional adhesion and superior UV resistance.

Grade: Semi-self-leveling consistency

Primer: Not required on most surfaces. If primerless adhesion to a particular substrate is in question, a test application is recommended. Contact Geocel's Technical Service Department for further information.

Packaging: 2320-10.3 fl. oz. cartridge;
2321-5 fl. oz. squeeze tube

Colors: White, aluminum gray, and clear

Limitations:

- Do not use on joints larger than 1/4" x 1/4"
- Do not use on traffic-bearing surfaces
- Do not use in contact with Styrofoam[®]

4. INSTALLATION:

Surface Preparation: For best results, 2320/2321 Gutter and Narrow Seam Sealant should be applied to a clean, dry surface which is free of foreign matter. When resealing over old existing sealant, remove sealant before applying 2320/2321 Sealant.

Elongation: 653%

Tack Free: 90 minutes

Cure: 24 hours

Service Temperature: -40° F to 180 ° F
(-40° C to 82° C)

Application Temperature: 0° F to 140 ° F (-18° C to 60° C)

Application and Tooling: 2320/2321 Sealant may be applied at any working temperature. When temperature is below 40° F (4° C), application of sealant will be easier if sealant is warmed. Level or remove excess sealant with wet tooling stick or knife.

To seal gutter lap joints, apply bead of sealant along inside edge of all joints and around rivets. When rivets are not used on lap joints, apply adequate sealant between 4" overlap to ensure full contact between both surfaces.

To seal gutter end caps and slip joints, apply liberal amounts of sealant to these surfaces before the use of rivets.

Painting: 2320/2321 Gutter and Narrow Seam Sealant may be painted in 24 hours with latex or most oil-based paints.

Cleaning: Remove 2320/2321 Sealant from gun and tools before it cures. This may be done by scraping and use of solvents such as MEK (lacquer thinner), Xylol, or chlorinated solvents. Cured materials may be removed by cutting with sharp tools. Observe manufacturer's precautions when using toxic or flammable solvents.

Warning: This product contains a chemical known to the state of California to cause cancer. Harmful or fatal if swallowed. If swallowed, call a physician immediately. May be harmful if inhaled in an enclosed space. Use only in a well-ventilated area. Avoid prolonged skin contact. Combustible (during cure). KEEP OUT OF REACH OF CHILDREN.

5. AVAILABILITY AND COST:

Marketed throughout the U.S., 2320/2321 Sealant is available from various distributors. Cost and further technical data are available from your local Geocel representative or from Geocel's corporate offices.

6. LIMITED WARRANTY:

Geocel, LLC warrants that the product is manufactured according to their published standards. The company guarantees for 5 years from the date of manufacture that 2320/2321 Sealant will not crack due to normal expansion and contraction and that it will not lose its adhesion or cohesion. Geocel, LLC will, at its option, either refund the purchase price of, or provide replacement for, that portion of the 2320/2321 Sealant which fails to perform in accordance with this warranty. Such refund or replacement will constitute the limit of Geocel's liability and obligation for any such failure. Geocel, LLC will not be liable or obligated otherwise for any loss or damage arising directly or indirectly from this product, or the use or failure thereof, whether based on breach of warranty or negligence.

7. MAINTENANCE:

No maintenance should be required. If sealant is damaged, either remove bead and reseal, or apply additional sealant over the damaged area.

8. TECHNICAL SERVICES:

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

Theoretical Yield per 5 fl. oz. Tube

Joint Size	Linear Feet
1/4" X 1/4"	12.0

Theoretical Yield per 10.3 fl. oz. Cartridge

Joint Size	Linear Feet
1/4" x 1/4"	24.8

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