

3300® PROFESSIONAL GRADE POLYURETHANE SEALANT

1. PRODUCT NAME:

3300® Professional Grade Polyurethane Sealant

2. MANUFACTURER:

GEOCEL, LLC
 P.O. Box 398
 Elkhart, IN 46515 USA
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 www.GeocelUSA.com

3. PRODUCT DESCRIPTION:

3300® Professional Grade Polyurethane Sealant is a single component, high performance polyurethane sealant that withstands extreme weather conditions and cures to a flexible weatherproof seal.

Product Benefits:

- Withstands extreme weather conditions
- ASTM C 920 compliant
- Meets LEED and NAHB guidelines
- Moisture cure
- Permanently flexible
- Minimal shrinkage
- Non-sag formula
- Low odor, low VOC
- VOC & CARB compliant
- 30-year life expectancy
- Primerless adhesion
- Paintable, non-corrosive
- Contains no TDI (toluene diisocyanate)

Basic Uses: 3300 Sealant can be used in roofing applications such as concrete roofing tile, clay roofing tile, metal roofing, Kynar® coated metal, and composition shingles. Other



applications include building lath paper repair, gutters, HVAC, flashing, skylights, roofing seams, roofing projections, termination points, and vents.

Adheres To: Stone, masonry, ceramics, wood, steel, Kynar®, aluminum, asphalt, building paper, BUR, concrete, fiberglass, and vinyl

Grade: Gun grade consistency

Primer: Not required on most surfaces

Packaging: 10.1 fl. oz. cartridges

Colors: White, gray, limestone, bronze, medium bronze, tan, aluminum gray, and black

Application Limitations:

- Do not apply over damp or contaminated surfaces
- Do not apply to absorptive surfaces such as marble, limestone, or granite without prior testing for discoloration or staining

4. INSTALLATION:

Joint Design: 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". In joints wider than 1/2", the depth should be maintained at 5/8". Lap shear joints should have a

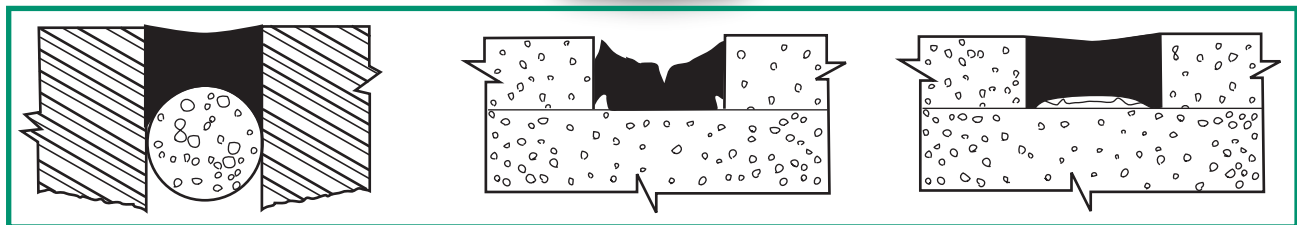


FIGURE 1

Proper Depth Control

FIGURE 2

Joints without Bond Breaker

FIGURE 3

Joints with Bond Breaker

The effects on the sealant with and without bond breakers are illustrated in Figures Two and Three.

width of at least twice the anticipated movement.

Surface Preparation: Joints to receive sealant must be sound, smooth, uniform in dimensions, and free from defects and foreign material. They must be clean, dry, free of frost and all contaminants, such as curing compounds, sealers (waterproofing), coatings, etc. Sealant adhesion should be tested on each different substrate prior to caulking. To test adhesion, apply a sealant bead and allow to cure thoroughly. Then pull one end of the bead to test adhesive strength.

Joint Backing: Joint depth should not exceed 5/8". 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.

Elongation: 1093%

Tack Free: 3 hours

Cure: 2 days

Service Temperature:
-20° F to 150° F (-29° C to 66° C)

Application Temperature:
-20° F to 150° F (-29° C to 66° C)

Application and Tooling: Apply with conventional caulking equipment. Fill joints from the back to prevent voids and air pockets. If application temperature is below 40° F (5° C), precautions should be taken to ensure the substrates are completely dry and frost free. Immediately after application, tooling is recommended to ensure firm, full contact with the joint sides.

Cleaning: Remove 3300 Professional Grade Sealant from gun and tools before it cures. This may be done by

scraping and use of solvents such as Xylol. Cured materials may be removed by cutting with sharp tools or sandpapering.

Storage and Shelf Life: Unopened containers should be protected from heat, moisture, and direct sun. Do not open containers until all preparatory work has been completed. Material in unopened containers is usable for up to 1 year when stored at 75° F (25° C).

Warning: Use only with adequate ventilation. Keep away from heat and open flames. Do not take internally. KEEP OUT OF REACH OF CHILDREN. This product may be harmful or fatal if swallowed. If swallowed, DO NOT induce vomiting. In case of eye contact, flush thoroughly with clear water for at least 15 minutes. In either case, call a physician immediately. In case of skin contact, wash thoroughly with soap and water.

5. AVAILABILITY AND COST:

Marketed throughout the U. S., Canada, and in select foreign markets, it is 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 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 date of manufacture that 3300 Polyurethane Professional Grade Sealant will not crack due to normal expansion and contraction and that it will not lose its adhesion or cohesion. Geocel, LCC will, at its option, either refund the purchase price of, or provide replacement for, that portion of

3300 Professional Grade Polyurethane 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:

If sealant is damaged and the bond is intact, cut out the damaged area and recaulk. No primer is required. If the bond has been affected, remove the sealant, clean and prepare the joint in accordance with the instructions under "Surface Preparation," and recaulk.

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 10.1 fl. oz. Cartridge

Joint Size	Linear Feet
1/4" x 1/4"	24.3
1/4" x 3/8"	16.2
1/4" x 1/2"	12.2
1/2" x 3/8"	8.5
1/2" x 1/2"	6.1
3/4" x 1/2"	4.0

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

THERE IS A DIFFERENCE

NON-CORROSIVE
PAINTABLE
Adheres to:
WOOD
BRICK (unprimed)
ASPHALT
METAL
VINYL
CONCRETE (unprimed)
BUILDING LATH PAPER

POLYURETHANE SILICONE