

3300® PROFESSIONAL GRADE POLYURETHANE SEALANT

1. PRODUCT NAME:

3300® Professional Grade Polyurethane Sealant

2. MANUFACTURER:

Geocel Products Group
A Business Unit of
The Sherwin-Williams Company
 ("Geocel Products Group")
 Cleveland, OH 44115
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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
- Meets ASTM C 920
- SCAQMD and CARB VOC Compliant*
- Moisture cure
- Permanently flexible
- Minimal shrinkage
- Non-sag formula
- Low odor
- Primerless adhesion
- Paintable, non-corrosive
- Contains no TDI (toluene diisocyanate)

* Meets the requirements under SCAQMD Rule 1168 (as amended 1/07/05) and California's General Consumer Products Regulations, Title 17, §94507 *et seq.* (as amended 12/10/11).



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: Masonry, ceramics, wood, steel, Kynar®, aluminum, asphalt shingles, building paper, BUR, concrete, fiberglass, and other common building substrates.

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, black, and redwood tan

Application Standards: Meets ASTM C920 Type S, Grade NS, Class 25, Use NT, A, M, G, and O; Meets Federal Specification TT-S-0230 C, Type II, Class A; Meets Canadian Specification CAN/CGSB-19.13-M87 Class 2 Non-sag, Class 25, Class M.

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

Basic Uses: 3300 Sealant can be used in roofing applications such as concrete roofing tile, clay roofing tile,

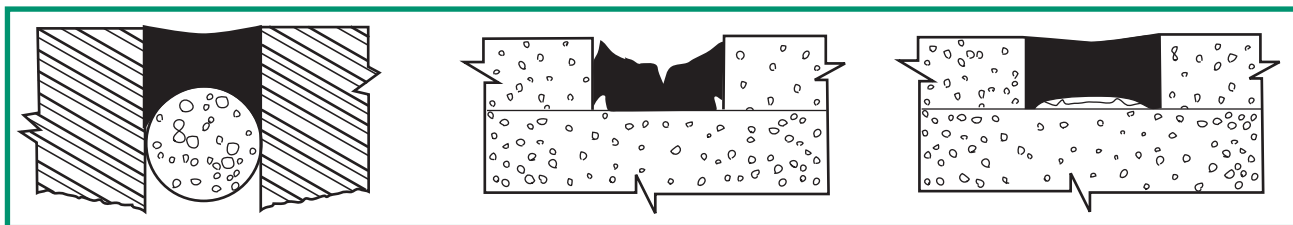


FIGURE 1

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.

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 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, and 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: 881%

Tack Free: 3 hours

Cure: 1 day

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 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 Products Group representative or from our office.

6. 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.

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 Products Group representatives throughout the U.S. are available to provide technical assistance. Geocel Products Group'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"	24.1
1/4" x 3/8"	16.0
1/4" x 1/2"	12.0
1/2" x 3/8"	8.4
1/2" x 1/2"	6.0
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 SHINGLES	METAL	VINYL	CONCRETE (unprimed)	BUILDING LATH PAPER
POLYURETHANE	●	●	●	●	●	●	●
SILICONE	●	●	●	●	●	●	●