

WATER SHIELD® CAULKING SEALANT

1. PRODUCT NAME:

Water Shield®
Caulking Sealant

2. MANUFACTURER:

Geocel Products Group
A Business Unit of
The Sherwin-Williams Company
("Geocel Products Group")
Cleveland, OH 44115
Phone: (800) 348-7615
Fax: (800) 348-7009
www.GeocelUSA.com

3. PRODUCT DESCRIPTION:

Water Shield® Caulking Sealant is a single component, non-sag sealant designed for use in most moving and non-moving joints.

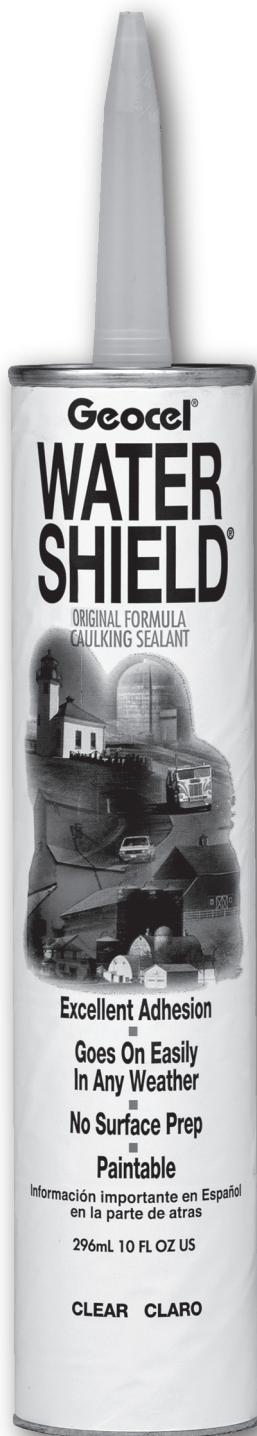
Product Benefits:

- 100% resealable. In the cured state, the sealant will rejoin to itself if the bead is broken. It will also adhere to itself if additional sealant is applied over cured material.
- Gunnable at low temperatures
- Exhibits adhesion to many building materials including damp, non-porous surfaces
- Highly elastic
- No surface prep
- Paintable

Basic Uses:

- Most non-traffic-bearing joints, including those where structural movement or stress is expected
- May be used without a primer on brick, limestone, marble, granite, concrete, ferrous and non-ferrous metals, glass, and untreated woods
- Where paintability is required
- Where a non-staining sealant is required

Adheres To: Concrete, brick, glass, steel, aluminum, wood, and other common building substrates



Composition and Materials: Water Shield Sealant is based on a proprietary, tripolymer formulation. This formula produces a product with exceptional adhesion and superior UV resistance.

Grade: Gun grade consistency

Primer: Not required on most building materials. Priming may be required with some plastics, weathering steel, treated woods, and some factory-coated metals. Contact Geocel Products Group's Technical Service Department for further information.

Packaging: 10 fl. oz. cartridge

Colors: White, gray, brown, bronze, and clear/translucent

Limitations:

- Do not use on traffic-bearing surfaces
- Do not use for heel bead in glazing applications
- Do not use where food is processed or stored
- For exterior use only

4. INSTALLATION:

Joint Design: For optimum results, joints should be a minimum of 4 times greater than anticipated movement. Minimum recommended joint size is 1/4" x 1/4". Maximum joint size should be 1/2" X 1/2". A width to depth ratio of 2:1 is desirable.

Surface Preparation: For best results, joints should be clean and surface dry, although dampness from dew will not interfere with adhesion. Do not use xylene or MEK to clean joints or to remove surface coatings unless surface can be allowed to dry before application of sealant. If the joint is wet with solvent, the sealant will not adhere properly. Use of a dry rag or brush to remove dust, dirt, or other contaminants is recommended. Contamination from curing agents and form releases should be avoided. 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.

Elongation: 236%

Tack Free: 15 minutes

Cure: 4 days

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

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

Application and Tooling: Apply with conventional caulking equipment, filling joint completely. When temperature is below 40° F, application will be easier if sealant is warmed. Tool immediately after application. A soap solution or a solvent may be used as a lubricant for tooling. Observe manufacturer's precautions when using solvents. Do not allow agents to contaminate open joints.

Painting: Sealant may be painted after 24 hours. If using a relatively inflexible paint, allow sealant to cure for 3 days before painting. Water Shield Sealant may be coated with any latex and most oil-based paints. Best results will be achieved when sealant is primed with latex enamel. Some paints may crack in dynamic joints. See paint manufacturer's specifications.

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

Storage Life: One year from date of manufacture.

Cautions: CONTAINS VOLATILE ORGANIC COMPOUNDS. VAPOR HARMFUL. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

First Aid: In case of eye contact, flush thoroughly with large amounts of water for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

5. AVAILABILITY AND COST:

May not be sold in the State of California. Available from various lumber yards, hardware stores, and home centers. 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:

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

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 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 |

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