



Transportation
Sealants & Adhesives

TECHNICAL DATA

ProCOLOR SWD™ TRIPOLYMER SEALANT

1. PRODUCT NAME:

ProCOLOR SWD™ Tripolymer 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:

ProCOLOR SWD™ Tripolymer Sealant is a single-component, elastomeric, high performance sealant formulated for exterior siding, window, and door applications.

Product Benefits:

- Available in a wide variety of precision matched siding, window, and door colors
- Adheres in wet or damp conditions
- Ultraviolet resistant
- Paintable - contains no silicone
- No primers required
- Resists dirt pick-up
- Mildew resistant
- Resealable - may be applied over itself
- Permanently flexible
- ASTM C 920 compliant
- Application temperature range is 0° F to 140° F

Basic Uses:

- ProCOLOR SWD Sealant is specially formulated for exterior siding, window, and door applications
- Where ultraviolet-stable material is required
- Where a paintable sealant is required
- Non-traffic-bearing joints, including those where structural movement or stress is expected

Adheres To: Aluminum, steel, vinyl, fiber cement, wood, masonry, concrete, and other common building substrates

Composition and Materials: ProCOLOR SWD Sealant is based on a proprietary formulation of polymers designed to provide optimum flexibility, adhesion, weather resistance, and life expectancy. Because of the inherent flexibility of this material blend, the sealant does not contain plasticizers (added to many sealants to promote flexibility), which tend to migrate out of other sealants, causing hardening and shortening their useful life.

ProCOLOR SWD Sealant is not a flammable liquid according to NFPA liquid guidelines.

Grade: Gun grade consistency

Primer: Not required on most surfaces

Packaging: 10 fl. oz. cartridge. Six (6) cartridges per case. Each case also contains two (2) extra spouts and two (2) cap nuts to extend the shelf life of unused material between applications.

Colors: Available in siding, window, and door colors. Call our customer service center for details.

Application Standards: Meets specifications ASTM C 920 Type S, Class 12 1/2, Grade NS use A and O.

Limitations:

- Do not use on traffic-bearing surfaces
- Do not use on extruded polystyrene insulating sheathing (Styrofoam®, etc.)
- Do not use on acrylic skylight glazing surfaces

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 3/8" in depth. If nozzle is cut to less than 1/4", product run-on may occur.

Surface Preparation: Priming is not required unless specified above. Joints should be basically 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's Technical Service Department or representative if such agents are involved.

Joint Backing: Joint depth should not exceed 3/8". 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: 510%

Tack Free: 45 minutes

Cure: 3 days

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: Apply with conventional caulking equipment, filling joint completely. When temperature is below 40° F, application will be easier if sealant is warmed. When temperature of surface to be sealed exceeds 140° F, do not apply sealant until surface cools. A soap solution or a solvent such as xylene may be used as a lubricant for tooling. Do not allow tooling 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. ProCOLOR SWD Sealant may be coated with any latex and most oil-based paints. Some paints may crack in dynamic joints. See paint manufacturer's specifications.

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

Storage Life: One year

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., ProCOLOR SWD is available from various distributors. Costs 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 ProCOLOR SWD 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 ProCOLOR SWD 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 the sealant is damaged, either remove bead and reseal with ProCOLOR SWD Sealant, or apply additional ProCOLOR SWD 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 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
3/4" x 1/2"	4.0

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