

PRO FLEX® TRIPOLYMER SEALANT

1. PRODUCT NAME:

Pro Flex® Tripolymer 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:

Pro Flex® Tripolymer Sealant is a single component, high-performance elastomeric sealant for use in a wide variety of roofing, trim, architectural metal, underdeck systems, solar roof systems, manufacturing, and general construction applications.

Product Benefits:

- Exceptional elongation and flexibility
- Excellent adhesion to many building surfaces, even when damp
- Ultraviolet resistance
- Resealable, may be applied over itself
- Asphalt shingle compatible
- Paintable
- Resists dirt pick-up
- Easily applied, non-stringing formulation
- Available in crystal clear and standard colors
- Will not crack
- Tools and cleans up easily
- Cured sealant is mildew resistant

Basic Uses:

- Most non-traffic-bearing joints, including those where structural movement or stress is expected
- Primerless application to brick, concrete, stone, all metals, glass, treated and untreated wood, asphaltic materials, and vinyl



- Where a paintable sealant is required
- As a trim sealant for metal components

Adheres To: Asphalt shingles, coated steel (Kynar 500® based finishes), concrete, vinyl, steel, and other common building substrates

Composition and Materials:

Pro Flex Sealant is based on a

Kynar 500® based finishes is a registered trademark of Arkema Inc. and is used under license.

proprietary formulation of polymers designed to provide optimum flexibility, adhesion, and weather resistance. 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. Due to the mild solvent blend contained in the sealant, Pro Flex Sealant is not a flammable liquid according to NFPA liquid guidelines. Its clear formulation is literally clear as glass from the moment of application.

Grade: Gun grade consistency

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

Packaging: 10 fl. oz. cartridge. For other sizes, contact Customer Support Center at 800-348-7615.

Colors: Crystal clear, white, almond, gray, black, bronze, brown, earthtone, tan, cedar, terra, and driftwood. Additional colors may be available upon request.

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
- Do not use in areas where food is processed or stored
- Do not use for interior applications
- Do not use for potable water applications

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.

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 (lacquer thinner) 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 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: 1062% - Clear
1194% - Colors

Tack Free: 30 minutes

Cure: 4 days

Application and Tooling: Apply with conventional caulking equipment, filling joint completely. When temperature is below 40° F (4° C), application will be easier if sealant is warmed. When temperature of surface to be sealed exceeds 140° F (60° C), do not apply sealant until surface cools. A soap solution or a solvent such as Xylene may be used as a lubricant for tooling. Follow manufacturer's instruction for safe use. Do not allow tooling agents to contaminate open joints.

Painting: Pro Flex Sealant may be painted after 24 hours. If using a relatively inflexible paint, allow sealant to cure for 4 days before painting. Pro Flex 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 Pro Flex 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. Follow manufacturer's instruction for safe use. Cured materials may be removed by cutting with sharp tools. Observe manufacturer's precautions when using toxic or flammable solvents.

Storage Life: One year

Cautions: CONTAINS AROMATIC HYDROCARBONS (Crystal Clear) or VOLATILE ORGANIC COMPOUNDS (Colors). Contents are COMBUSTIBLE. Keep away from heat and open flame. 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:

Pro Flex Sealant colors may not be sold in the State of California. Pro Flex Sealant Crystal Clear may be sold in non-SCAQMD California counties only. Available from various lumber yards, hardware stores, and home centers Cost and further technical data are available from your local Geocel Products Group.

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 Pro Flex Sealant or apply additional Pro Flex 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

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