

PRO FLEX[®] TRIPOLYMER SEALANT

1. PRODUCT NAME:

Pro Flex[®] Tripolymer Sealant

2. MANUFACTURER:

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

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
- Superior ultraviolet resistance
- Resealable, may be applied over itself
- Asphalt compatible
- Paintable
- No dirt pick-up
- Easily applied, non-stringing formulation
- Available in crystal clear and standard colors
- Will not crack
- Tools and cleans up easily
- 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 ultraviolet-stable material is required
- Where a paintable sealant is required
- As a trim sealant for metal components

Adheres To: Asphalt shingles, coated steel (Kynar[®]), concrete, vinyl, steel, and other common building substrates



Composition and Materials:

Pro Flex 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. Due to the mild solvent blend contained in the sealant, Pro Flex Sealant is not a flammable liquid according to NFPA liquid guidelines. Its inherent weather and ultraviolet resistance, combined with its lasting flexibility, provide a life expectancy exceeding 50 years. 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's Technical Service Department for further information.

Packaging: 10 fl. oz. cartridge. For other sizes, contact our 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, unless sealant is cured, until solvent odor dissipates
- Do not use in interior applications without long-term, high volume ventilation

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'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: 1025% - Clear
994% - Colors

Tack Free: 2 hours - Clear
2 1/2 hours - Colors

Cure: 1 day

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 (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. 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 3 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. 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: 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., Canada, and in select foreign markets, it is available from various lumber yards, hardware stores, and home centers. Cost and further technical data are available from your local Geocel representative or from Geocel's corporate offices.

Note: Product produced after Dec. 31, 2010 may not be sold in the state of California. Pro Flex® Crystal Clear is exempt from this rule.

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 Pro Flex Sealant 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 Pro Flex 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:

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 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"	12.9
1/2" x 3/8"	8.4

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