

Roof PRO[™] TRIPOLYMER SEALANT

1. PRODUCT NAME:

Roof PRO[™] Tripolymer Sealant

2. MANUFACTURER:

GEOCEL, LLC

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3. PRODUCT DESCRIPTION:

Roof PRO[™] Tripolymer Sealant is a high-performance elastomeric sealant specifically designed for roofing applications without surface preparation. Roof PRO Sealant provides a tough, durable, watertight seal with excellent adhesion to asphalt shingles, brick, stone, metals and wood substrates.

Product Benefits:

- All-weather application
- Sticks to wet & oily surfaces
- Remains permanently flexible
- Asphalt compatible
- Resealable, may be applied over itself
- Superior UV light resistance
- Exceptional elongation
- Paintable

Basic Uses:

- Gutters, flashings, penetrations, vents, roof jacks, chimney caps & more
- Most non-traffic-bearing joints, including those where structural movement or stress is expected

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

Composition and Materials:

Roof PRO 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, Roof PRO 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: 10.3 fl. oz. cartridge

Color: Crystal clear

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 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 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%

Tack Free: 2 hours

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, 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. Roof PRO 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 Roof PRO 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 construction material and industrial distributors. Cost 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 Roof PRO 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 Roof PRO 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 Roof PRO Sealant or apply additional Roof PRO 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 10.3 fl. oz cartridge**

Joint Size	Linear Feet
1/4" x 1/4"	24.8
1/4" x 3/8"	16.5
1/4" x 1/2"	12.4
1/2" x 3/8"	8.7

**COMPARE!
There is A
Difference**

	CRYSTAL CLEAR	PAINTABLE	MILDEW RESISTANT	WET SURFACE	OILY SURFACE	USE BELOW 32°	FULL RECOVERY	EASY CLEAN-UP	NON-CORROSIVE	ADHERES TO WOOD	ADHERES TO BRICK (unprimed)	ADHERES TO ASPHALT	ADHERES TO METAL	ADHERES TO VINYL	ADHERES TO CONCRETE (unprimed)
Roof PRO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SILICONE				●											
URETHANE	●					●	●	●	●	●	●	●	●	●	●

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