



#129  
PolyTek Pro

## PREMIUM ELASTOMERIC TOP COAT

### PRODUCT DESCRIPTION

**E-las•tek #129 PolyTek Pro** is a high performance elastomeric coating formulated to provide very good performance under harsh desert weather conditions.

- Acrylic polymers of exceptional durability
- Forms durable membrane that reflects most of the sun's heat
- Provides outstanding resistance to UV degradation
- Preserves asphalt-based roofing materials
- Expands and contracts with thermal changes to keep the roof surface sealed over time
- Adheres well on a wide variety of substrates
- Good resistance to abrasion
- Resistant to asphalt staining
- Ideal for all low-pitch roofs
- Resistant to moderate ponding water — NRCA says ponding past 48 hours should be eliminated.
- Long-lasting
- Great for coating new foam
- Easy-to-apply with brush, spray, or roller
- Environmentally safe

*PolyTek Pro* is a quality coating that allows good coverage and is easy to roll or spray. It is ideal for top coating previously coated foam roofs, pitched roofs, trailer roofs, and most low-slope roofs. Use on aged galvanized steel, aged asphalt composition, and aluminum-coated roofs.

**E-las•tek** roof coatings have excellent resistance to alkali and efflorescence making them ideal for coating masonry surfaces.

### LIQUID APPLIED ROOFING

*PolyTek Pro* may be used as the topcoat over liquid applied roofing membranes to refurbish older roofs or establish new roof membranes. See our website for information.

### SURFACE PREPARATION

All surfaces must be thoroughly cleaned to remove oils, gravel, granules, loose coating, chalk, dirt, rust, corrosion, efflorescence, bond-breakers, and mildew to assure coating adhesion and minimize asphalt bleed. Clean with a broom and TSP/water solution, TSP substitute, (or pressure wash); rinse well; allow to dry thoroughly. Rust/corrosion may require wire brush, scraping, or sandblasting.

Roof system must be free of moisture before coating.

### MINOR REPAIRS

Roof repairs must be completed before top coating. All leaks, gaps, cracks, tears, bird holes, and seams must be filled with **E-las•tek #103 Crack & Joint Sealant** and weak areas strengthened with embedded polyester fabric. Major repairs must be referred to a roofing contractor.

### Asphalt Roofing

Thorough washing reduces asphalt bleed. Allow first coat to dry thoroughly before recoating. Areas that hold water more than 48 hours must be eliminated before coating.

### Metals

Rusted or corroded areas must be coated with protective primer after cleaning. Metal fasteners should be tightened and sealed, if necessary, with *Crack & Joint Sealant*.

### Foam

May be used on previously coated foam roofs in very good condition and with no water intrusion. It is intended for new and open foam. Deteriorated foam, evidence of water intrusion, or poor drainage should be referred to a roofing contractor.

### Masonry/Concrete

Must be fully cured, clean and dry. *Crack & Joint Sealant* should be used to fill cracks to 1/8-inch and reinforced with polyester fabric. Use professional urethane patching material for larger cracks.

**WARNING:** *Elastomeric coatings are not effective when roof deterioration is severe. If in doubt, consult a qualified roofing contractor. Contact E-las•tek before applying this coating to gravel roofs or shingle roofs, manufactured home roofs, roofs with cathedral ceilings below the roof. Not recommended for use on applications below 0°F. Contact E-las•tek before applying to single-ply roofs.*



---

#### APPLICATION

See *WEATHER CONDITIONS* below for ideal conditions. **Wear protective clothing and eye protection.** Apply by roller, spray, or brush with minimum of working. Pre-coat repairs, uncoated areas, and areas needing more protection, and allow to dry.

**DO NOT THIN COATINGS WITH WATER.** Make sure roof has adequate ventilation.

A 1-1/4-inch paint roller is best for dipping coating from the pail. A 1/2-inch nap cover gives very smooth application when coating is poured onto roof surface. Apply in thick coats at 20 mils wet or follow *COVERAGE* directions below.

Two topcoats (20-24 mils dry) are best for maximum durability. Always apply two or more coats in areas prone to holding standing water. Two normal coats are better than one excessively thick coat. Apply coats at 90-degree-angle to each other to minimize pinholes. Coatings are sensitive to standing water for up to 48 hours after application.

Can be spray-applied by airless pump capable of 2-3000 PSI, 1-3 GPM using a 6-31 or 8-31 reversible tip.

#### COATING THICKNESS DETERMINES SERVICE LIFE.

Clean tools promptly with water.

Two coats of PolyTek Pro (20-24 mils dry) qualifies for a service life warranty.

---

#### COVERAGE

Coverage varies with the porosity of the substrate. Apply at 100 sq. ft. per gallon per coat. Recommend two or more topcoats, totaling 20+ mils dry for long-term durability.

---

#### WEATHER CONDITIONS

**Temperature should be over 55°F and under 105°F during application and curing period.** In very hot weather, apply coating in the morning to prevent rapid drying. Normal drying time is 3 to 6 hours, longer in cool weather. Full cure is 7 days. Humidity affects drying time. Do not apply when there is any chance of rain, fog, frost, or dew during application or drying. See **E•las•tek** BULLETIN: *Cool Weather Application at [www.elastek.com](http://www.elastek.com).*

---

#### COLORS

Bright white; desert tan

---

#### SAFETY

Use in areas with good ventilation. Keep containers tightly closed when not in use. Keep away from children. Store in cool, dry place. Prevent from freezing. **HARMFUL OR FATAL IF SWALLOWED.**

---

#### MAINTENANCE OF COATING

The solar reflectance of white elastomeric coatings decrease over time due to surface dirt, air pollution, biological attack, and solar degradation (chalking). Rinsing the roof with water and broom cleaning once or twice per year will restore most reflectivity. Power washing or cleaning with TSP or TSP Substitute will be even more effective. Periodic recoating will be necessary to fully restore solar reflectance.

---

#### SPECIFICATIONS

- 68% solids by weight
- 53% by volume
- pH is 8-9
- elongation approx. 300% @ 75°F
- tensile strength approx. 300lb. per sq. in.
- 88% reflective white drawdown
- VOC < 50 g/l
- packaged weight 12/lb./gallon
- viscosity 115-120ku
- ASTM E-108 & UL Class A Fire-Rated

While the information and data contained herein are presented in good faith and believed to be reliable, they do not constitute part of our terms and conditions of sales. Nothing herein shall be deemed to constitute a warranty, expressed or implied. Data provided here is based on our best knowledge at time of printing and is subject to change.

**E•las•tek** offers coatings to fill or coat ponding areas and to handle difficult substrates. For most current information, check our website: [www.elastek.com](http://www.elastek.com); contact us at [coatings@elastek.com](mailto:coatings@elastek.com); or call 877-352-7835.