



THE
SOUTHWEST'S
BEST
WARRANTY!

E-las-tek

CERTIFIED COOL ROOF COATINGS



PRODUCT GUIDE

- Rating Codes
 1 BEST
 2 Very good
 3 Satisfactory
 4 Can be used

	Coverage over black	Ponding water resistant	Reflectivity	Service life	Elongation	Tensile strength	Dirt resistance
 <p>SOLAR TEK EXTREME™ #120 E-las-tek's state-of-the-art all-acrylic formula offers the strongest adhesion, best water resistance, and excellent durability. Resists dirt pickup and stays white. Self-priming. Roll or spray application. Available in white, Desert Tan, and Energy Tan™, 1g, 5g, drums</p> 	1	1	1	1	2	1	1
 <p>SOLAR MASTIC™ #100 Acrylic formula. Excellent standing water resistance and adhesion strength, very good durability. Thick, high-solids coating. Heavy-duty coating — a favorite with contractors. Self-priming. Roll or spray application. Available in white and Desert Tan, 5g, drums</p> 	1	2	2	2	2	2	2
 <p>SOLAR MAGIC™ #109 Acrylic formula. Good durability, standing water resistance, and strong adhesion. Premium coating at a competitive price. Self-priming. Roll or spray application. Available in white and Desert Tan, 5g, drums</p> 	2	3	2	3	2	2	2
 <p>SOLAR ONE™ #127 Acrylic, high performance, reflective specialty topcoat. Extreme low temperature resistance. Passes ASTM 6083 requirements. California Title 24 qualified. Self-priming. Roll or spray application. Available in white, 5g, drums</p>	1	2	1	1	2	2	1
 <p>HIGH-TEK BASECOAT #121 Strong adhesion, good water resistance, and excellent overall durability. Excellent saturant for PolyTek roofing fabric for one- and two-ply roofing systems. Can be used as a primer. Requires topcoat. Roll or spray application. Indicator gray, 1g, 5g, drums</p>	-	2	-	-	1	-	-
 <p>CRACK & JOINT SEALANT #103 Quality sealant for filling seams, repairing cracks, and smoothing rough surfaces. Repair parapet walls. Provides waterproof sealing performance under harsh weather conditions. Use with PolyTek roofing fabric for even more durability. Out-performs plastic roof cement in every way. Brush apply. Available in white or Desert Tan, 1g, 2g, 5g</p>	2	2	4	1	2	1	3
 <p>SUPER SEAL™ #105 [rollable sealant] Quality sealant for covering larger areas quickly. Good tensile strength and elongation properties allow it to expand and contract with substrates to maintain a constant seal. Useful for sealing long seams, drip edges, flashings in built-up asphalt roofs, and seams and fasteners on metal roofs. Can be reinforced with roof fabric or mesh. Available in white, 5g</p>	4	-	4	2	2	2	3
 <p>DURATEX STUCCO™ #323 Versatile, ready-to-use stucco patch and repair product based on elastomeric resins. Highly flexible, strong bonding ability. Repair parapet walls, cracked stucco. Use over existing stucco. Texture is vapor permeable (breathes with the wall). Trowel or brush apply. Tintable; paintable, 1g, 5g</p>	-	-	-	1	-	-	-
 <p>PUDDLE PLASTER™ #505 Thick, black, emulsion product for filling low areas that pond water. Lightweight, easy-to-apply, effective, and waterproof. Apply at maximum ½" depth per coat and allow to dry between applications. Trowel application. Requires topcoat. Black, 5g</p>	-	1	-	3	-	-	-
 <p>SEALER EMULSION #500 Durable, extremely water resistant black emulsion. Use to renew roof surfaces or add protection where standing water is a problem. Seals and strengthens roof surface. Excellent for sealing below-grade masonry walls. Dries rapidly. Requires topcoat. Black, 5g</p>	-	1	-	3	-	-	-
 <p>POLYTEK ROOFING FABRIC Available for all your roofing needs. Widths: 4", 6", 12", 18", 40" ... by the roll. Use Polytek fabric with our coatings for patch and repair or to save an existing roof from tear-off (see <i>Restore an Existing Roof with Elastek Sustainable Ply System</i>).</p>							

COATING GUIDE BY SUBSTRATE

ROOF TYPE	SURFACE PREP	REPAIR & SEAL	PRIME (OPTIONAL)	TOPCOAT
BUR (BUILT-UP ROOF) (Granulated) Previously coated white/tan, uncoated, aluminum-coated, or asphalt emulsion	<ul style="list-style-type: none"> Wash with TSP or TSP Substitute and water and rinse or power wash Remove granules Surface must be clean & dry 	<ul style="list-style-type: none"> Fill small ponding areas with #505 Puddle Plaster Coat flashings with #103 Crack & Joint Sealant and Polytek Fabric Repair ply sheets, leaks, seams, and drains as needed Coat with quality asphalt emulsion to seal and strengthen (optional) 	<ul style="list-style-type: none"> Topcoats are self-priming If badly worn or chalky, use #121 High-Tek Basecoat 	<ul style="list-style-type: none"> Apply #120 Solar Tek Extreme, #100 Solar Mastic, or #109 Solar Magic Apply 2 coats for good durability Apply with 1/2" or 1-1/4" nap roller or airless spray Minimum two coats 20 mil application for service-life warranty
MODIFIED BITUMEN Best Results with SBS (granulated or smooth)	<ul style="list-style-type: none"> Wash with TSP or TSP Substitute and water and rinse or power wash Remove granules Surface must be clean & dry 	<ul style="list-style-type: none"> Fill small ponding areas with #505 Puddle Plaster Coat flashings with #103 Crack & Joint Sealant and Polytek Fabric Repair ply sheets, leaks, seams, and drains as needed Coat with quality asphalt emulsion to seal and strengthen (optional) 	<ul style="list-style-type: none"> Topcoats are self-priming If badly worn or chalky, use #121 High-Tek Basecoat 	<ul style="list-style-type: none"> Requires #120 Solar Tek Extreme if no basecoat is applied; #100 Solar Mastic, or #109 Solar Magic can also be used if primed with #121 High-Tek Basecoat or emulsion Apply 2 coats for durability Apply with 1/2" or 1-1/4" nap roller or airless spray Minimum two coats 20 mil application for service-life warranty
RECOATING SPRAY URETHANE FOAM (must not have moisture trapped within foam)	<ul style="list-style-type: none"> Wash with TSP or TSP Substitute and water and rinse or power wash Surface must be clean & completely dry 	<ul style="list-style-type: none"> Seal around penetrations & small holes with #103 Crack & Joint Sealant; reinforce with Polytek Fabric as needed Remove orange foam 	<ul style="list-style-type: none"> None required 	<ul style="list-style-type: none"> Apply #127 Solar One, #120 Solar Tek Extreme, #100 Solar Mastic, or #109 Solar Magic Apply 2 coats for good durability Apply with 1/2" or 1-1/4" nap roller or airless spray Minimum two coats 20 mil application for service-life warranty
METAL (aluminum or galvanized; galvanized must be weatheread)	<ul style="list-style-type: none"> Wash with TSP or TSP Substitute and water and rinse or power wash Surface must be clean & dry Remove rust and corrosion with wire brush, apply quality rust roof primer 	<ul style="list-style-type: none"> Replace missing fasteners Tighten all fasteners, seal with #103 Crack & Joint Sealant or #105 Super Seal and Polytek Fabric as needed Seal problem seams with #103 Crack & Joint Sealant or #105 Super Seal and Polytek fabric 	<ul style="list-style-type: none"> Apply a rust-proof primer as needed Prime bare galvanized with #121 High Tek Basecoat or #120 Solar Tek Extreme Prime bare aluminum with #100 Solar Mastic 	<ul style="list-style-type: none"> Apply #120 Solar Tek Extreme, #100 Solar Mastic, or #109 Solar Magic Apply 2 coats for good durability Apply with 1/2" or 1-1/4" nap roller or airless spray Minimum two coats 20 mil application for service-life warranty
EPDM (ethylene propylene diene monomer)	<ul style="list-style-type: none"> Wash with #601 Rinseable Primer Power wash with clean water 	<ul style="list-style-type: none"> Repair tears and seams as needed Imbed PolyTek Fabric around penetrations with #120 Solar Tek Extreme or #121 High Tek Basecoat 	<ul style="list-style-type: none"> Use #121 High Tek Basecoat if #120 Solar Tek Extreme will not be used as topcoat 	<ul style="list-style-type: none"> Requires #120 Solar Tek Extreme unless first primed with #121 High Tek Basecoat Minimum two coats 20 mil application for service-life warranty

COATING GUIDE BY SUBSTRATE

ROOF TYPE	SURFACE PREP	REPAIR & SEAL	PRIME (OPTIONAL)	TOPCOAT
HYPALON (chlorosulfonated polyethylene)	<ul style="list-style-type: none"> Wash with TSP or TSP Substitute and rinse or power wash Surface must be clean & completely dry 	<ul style="list-style-type: none"> Repair seams as needed Seal around penetrations and small holes with #103 Crack & Joint Sealant Reinforce with PolyTek Fabric as needed 	<ul style="list-style-type: none"> Topcoats are self-priming If badly worn or chalky, use #121 High-Tek Basecoat 	<ul style="list-style-type: none"> Apply #120 Solar Tek Extreme, #100 Solar Mastic, or #109 Solar Magic Minimum two coats 20 mil application for service-life warranty
PVC (polyvinyl chloride)	<ul style="list-style-type: none"> Wash with TSP or TSP Substitute and water and rinse or power wash Surface must be clean & completely dry 	<ul style="list-style-type: none"> Repair seams as needed Seal around penetrations and small holes with #103 Crack & Joint Sealant Reinforce with PolyTek Fabric as needed 	<ul style="list-style-type: none"> Topcoats are self-priming If badly worn or chalky, use #121 High-Tek Basecoat 	<ul style="list-style-type: none"> Apply #120 Solar Tek Extreme, #100 Solar Mastic, or #109 Solar Magic Minimum two coats 20 mil application for service-life warranty
GRAVEL BUR	<ul style="list-style-type: none"> Carefully remove gravel Wash with TSP or TSP Substitute and water and rinse or power wash Surface must be clean & completely dry 	<ul style="list-style-type: none"> Apply two thick coats of asphalt emulsion in warm weather Allow 1-2 weeks to cure before applying topcoat Seal around penetrations and small holes with #103 Crack & Joint Sealant. 	<ul style="list-style-type: none"> Repair seams as needed Seal around penetrations and small holes with #103 Crack & Joint Sealant Reinforce with PolyTek Fabric as needed 	<ul style="list-style-type: none"> Apply #120 Solar Tek Extreme, #100 Solar Mastic, or #109 Solar Magic Minimum two coats 20 mil application for service-life warranty
SHINGLE	While many shingle roofs can be coated, there are important factors to consider. Before coating a shingle roof, please read our "Coating Shingles" bulletin available on our website www.elastek.com			

Avoid coating these roofs

- Avoid roofs that are defective in construction, badly worn, or have serious structural or drainage problems.
- Avoid foam roofs with domes or blisters; foam roofs that have leaks or are permeated with water; or roofs that have exposed foam. Foam roofs in good condition can be recoated.
- See special instructions on our website (www.elastek.com) before coating gravel or shingle roofs.
- Coat only roofs in good condition with remaining service life

CRCC Rating System

Elastek is a Member of the Cool Roof Rating Council. As a CRRC Licensed Seller, our roof coating products are subject to periodic field review. Our roof coatings carry a CRRC label that signifies solar reflectance and thermal emittance in accordance with applicable CRRC procedures.

Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.

ENERGY STAR® qualified roof coatings

Our ENERGY STAR qualified roof coatings — Solar Tek Extreme (#120), Solar Mastic (#100), and Solar Magic (#109) — have undergone extensive EPA review for both initial and long-term performance. The EPA-required tests have proven these coatings' ability to reflect more of the sun's rays. This can lower roof surface temperature by up to 50°F, decreasing the amount of heat transferred into a building.



Memberships



Arizona Roof Contractor's Association
GOLD Member



New Mexico Roof Contractor's Association



Reflective Roof Coatings Institute



Arizona Cool Roof Council



Cool Roof Rating Council

LIMITED SERVICE-LIFE WARRANTY

Structural Elastomeric Products, Inc. (SEPI) warrants to the property owner that its Elastek roof coatings will provide up to 10 years of solar protection to the roof system from the first date of product purchase, based on the following schedule of coats applied:

Two (2) topcoats: #109 Solar Magic - 5 years; #100 Solar Mastic - 6 years; #120 Solar Tek - 7 years; #127 Solar One - 7 years

Three (3) topcoats: #100 Solar Mastic - 8 years; #120 Solar Tek - 10 years; #127 Solar One - 10 years. No primers, basecoats, asphalt emulsions, or other coatings are normally required.

Property owner must retain detailed proof of coatings purchased and square feet of roof coated to substantiate warranty qualification.

Each coat of Elastek topcoat must be applied uniformly at the minimum rate of 100 sq. ft. per gallon, 500 sq. ft. per 5-gallons, over the entire roof surface strictly following Elastek's application instructions. Warranty covers only approved residential roofs with minimum 5° or 1" in 12" slope. (Commercial warranties are also available.) Warranty does not apply to areas on roofs with standing water or drainage problems. At the time of coating, roof membrane must have remaining service life and be in good repair. Warranty applies to original property owner only.

In the event the roof substrate becomes visible due to delamination or erosion of the coating during the warranty period, the property owner must immediately notify SEPI by sending or faxing a written explanation and proof of purchase receipts to SEPI, 3700 S. Palo Verde Road, Tucson, AZ 85713. On substantiation of the claim, SEPI, as its sole liability and the property owner's exclusive remedy, will provide sufficient replacement product to repair all affected areas. SEPI is not obligated to pay the cost of application for any replacement products. Repairs do not extend the warranty period.

Exclusions to warranty: Routine coating maintenance repairs; damage arising out of failure to apply coating in accordance with our instructions; natural disasters and acts of nature; roof traffic, roof mounted equipment, leaking water, shifting or swelling of the roofing system; moisture intrusion; destructive chemicals; plant, tree, and roof debris; applications to moisture permeated foam; failure of previously applied coating; acts and causes beyond our control; negligence; misuse of the product; the application of non-Elastek products over our coatings; and cosmetic changes in coating appearance.

SEPI is not liable in any respect for damage to the building, components, or contents due to any form of mold, mildew, mycotoxins, or byproducts produced or released by fungi. SEPI is not liable for property damage, interruption in building use, or personal injury claims resulting from alleged mold growth. Any water leakage must be repaired immediately.

Because there are extenuating factors involving weather, the condition of the roof prior to application, the proper repair of defects, the dilution of coatings, and the actual way our products are applied, there is no warranty for finished work expressed or implied. The manufacturer is not liable for any incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from State to State.

This warranty is available only on products purchased from an authorized Elastek dealer or licensed contractor. Commercial warranties are available; contact us for details before proceeding. See our website www.elastek.com or call us at 1-877-ELASTEK for a printed copy of this warranty or more information.



Use elastomeric roofing products for professional results

Elastek was founded in 1993 in Tucson, AZ and has experienced phenomenal growth and recognition within the roofing industry and the community it serves. This success is primarily a result of our three-point approach to keeping step with environmental awareness and our customers' needs.

1. Elastek keeps pace with technology. Our technical team includes support from the chemists and research facilities of America's most prominent roof-coating resin manufacturers. We're large enough to keep abreast of technical improvements in the field, yet small enough to rapidly introduce those that have merit. We often incorporate new technology long before larger manufacturers.

2. Elastek adheres to the highest quality manufacturing standards. Elastek products are tested to meet stringent quality standards at the point of manufacture. Ongoing testing is performed to confirm the weathering characteristics of coatings as well as adhesion and response to various low-slope roof situations. Formulations are frequently upgraded to incorporate improvements. We are committed to using only the highest grade raw materials available.

3. Elastek assures knowledgeable staff and customer support. This is what sets Elastek apart from all the rest. We take a personal interest in the success of every job. Detailed product information is available on our comprehensive website (www.elastek.com) and a service hotline is open to customers and dealers alike. National and worldwide shipping is available.

Elastek products were green before green was cool...that's why we proclaim *White* to be the new *Green!*



White, clean, and green — use Elastek elastomeric roof coatings for sustainable roofs

Energy efficiency is a solution welcomed by commercial building proprietors and smart residential homeowners. Elastomeric white rooftops are helping to drive a better energy initiative across the United States and around the world. In more ways than one, elastomeric roof coatings are 'green.' Not only do they help provide energy savings, but they also reduce landfill waste and provide substantial savings in maintenance and replacement costs.

Elastek elastomeric roof coatings can be used to maintain and restore low-slope roofs over a variety of substrate under a broad range of conditions. Elastomeric roof coatings enhance structural integrity, reduce maintenance, increase longevity, improve energy efficiency, and provide significant, immediate, and long-term environmental benefits.

New life for old roofs — Elastek's Sustainable Ply System

Heat and sunlight degrade roofing materials. Excess heat on the roof adds to cooling costs throughout the building. A 100% acrylic coating like Elastek provides greater resistance and protection against UV light. Elastek's white roof coatings provide more than 80% solar reflectivity and emissivity, resulting in a cool roof, lower air temperature (reduced urban heat island effect), and energy savings.

Over time, roofs deteriorate from the effects of heat, sunlight, and cracking due to expansion and contraction. The traditional solution was to tear off the aging roof and replace it after 10-to-15 years. Elastek's Sustainable Ply System, consisting of proper application of our coatings with PolyTek fabric, can change all that. A Sustainable Ply coated roof could last the lifetime of the building with regular maintenance. Maintenance is limited to occasional cleaning with a hose or power washer and reapplying the coating every 5 to 10 years.

A lasting solution

A mere 5 percent increase in roof service life should reduce the long-term cost of roofing materials by 21 percent, saving the country \$2.5 billion a year and cutting landfill waste from roofing by 25 percent. Roofing waste currently represents nearly four percent of the total volume of solid waste in the U.S.*

Elastomeric roof coatings are environmentally advanced and truly sustainable, not only because they reduce energy consumption and landfill waste, but also because of what they are: water-based and very, very low in volatile organic compounds (VOCs).

As good as our products are today, we are always trying to improve them. Because customer and marketplace needs are constantly changing, we're continually working toward new and better solutions.

For more information on applying a Sustainable Ply System, please see our website www.elastek.com or contact us toll-free at 1-877-ELASTEK.

*2008, Rohm and Haas, "Raising the Roof to a New Standard"



Before and after elastomeric roof coatings are applied on a commercial building in New Mexico. [Photos courtesy of Tim Waters, EconoPro Painters LLC]



Restore an existing roof with the Elastek® Sustainable Ply System

Finally, a single-ply roof refurbishment system for contractors!

Saving older roofs and making them sustainable saves energy and expensive resources. Elastek offers training, warranties, promotional literature, coatings, and fabric for the program. Contact us for details.

- Extends the life of older roofs by renewing the worn roof surface
- Avoids cost of tear-off, new roofing, and coating (easier to sell than a full tear-off). Less than half the cost of a roof replacement
- Highly reflective, energy-efficient "cool roof"
- Adds new weatherproof ply over an older roof
- Renewable repeatedly, saving the customer more money each time (sustainable roofing) — *repeat business for the contractor!*
- Easy to maintain and service
- Commercial & residential warranties available
- Recommended for contractor installation
- No asphalt involved