E-las-tek®
CERTIFIED COOL ROOF COATINGS

#121
High-Tek Basecoat™

SUPERIOR ADHESION ELASTOMERIC BASE-COATING

PRODUCT DESCRIPTION

E•las•tek #121 High-Tek Basecoat™ is an all-acrylic, highly elastomeric coating with exceptional adhesion to most surfaces.

- Ideal for use in scupper and drain areas, low areas on low slope roofs, around coolers and HVAC units
- Excellent performance when used over modified bitumen
- Good adhesion to urethane foam
- May be used as a basecoat/saturant for superior liquid-applied fabric roofs
- Provides any topcoat improved adhesion
- Extremely water resistant
- Reseals roof surface and repairs hairline cracks
- Expands and contracts with the substrate
- Handles most difficult temporary standing water situations
- Blister-resistant
- Long lasting
- Easy-to-apply with spray or roller
- Environmentally safe
- Indicator gray

This coating may be used on flat, composition roofs; coated and uncoated foam roofs; aged or new asphalt composition, and modified bitumen. May be used as a base coat in ponding areas when used with *#120 Solar Tek Extreme*. For a maximum durability coating system, two coats of *High-Tek Basecoat* are recommended in problem areas before top coating to reduce the possibility of pinholes.

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 (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 bleeding. 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 new or previously coated foam roofs in very good condition and with no water intrusion. Deteriorated foam, open foam, evidence of water intrusion, or poor drainage should be referred to a foam 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. DO NOT apply this coating to gravel roofs or shingle roofs, manufactured home roofs, roofs with cathedral ceilings below the roof without reading our special instructions. Not recommended for use on applications below 0ºF. 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 COATING WITH WATER; sprayable as is. Surface can be recoated in four hours in warm weather.

A 3/4-inch paint roller is best for dipping coating from the pail. A ½-inch nap cover gives very smooth application when coating is poured onto roof surface. Apply at 100-120 sq.ft. per gal. When using with fabric, apply sufficient coating to fully wet fabric.

Coatiangs are sensitve 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.

Must always be top-coated for protection.

COATING THICKNESS DETERMINES SERVICE LIFE.

Clean tools promptly with water.

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COVERAGE

Coverage varies with the porosity of the substrate. Apply at 100-120 sq. ft. per gallon per coat. When using as a fabric saturant, apply enough coating to fully wet fabric.

WEATHER CONDITIONS

Temperature should be over 55ºF and under 105ºF 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. 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.*

COLORS

Indicator gray

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.

SPECIFICATIONS

- PVC 37%
- 60% solids by weight
- 48% solids by volume
- pH is 9-10
- Elongation exceeds 900% @ 75° F
- Viscosity approx. 105-110 KU
- VOC 60 g/l
- Packaged weight 11 lb. per gallon

*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; or contact us at coatings@elastek.com or 877-352-7835.*

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