

TK-TRI-LASTIC

Protective Acrylic Coating

Item No. TK-5610 (smooth), TK-5611 (fine), TK-5612 (medium)

PRODUCT DESCRIPTION

TK-TRI-LASTIC is an elastomeric protective coating with high quality acrylic resins for use on decorative concrete, masonry and stucco. Available in three texture grades, TK-TRI-LASTIC provides water repellency, durability and flexibility throughout a wide range of temperatures and conditions. Available in standard colors or custom colors may be produced upon request.

Features:

- Excellent elongation and recovery properties, allowing it to bridge hairline cracks and move with the substrate.
- Excellent resistance to stains, dirt, air-borne pollutants, acids, alkali, and degradation from freeze/thaw cycles.
- Forms a water repellent film which is impermeable to wind driven rain, yet is permeable to water vapor which could otherwise cause moisture damage.
- Contains no plasticizers and will not become hard or brittle through many years of exposure.
- Excellent UV resistance and long-term color retention.

USES:

Suitable for interior or exterior use on any new or existing properly prepared concrete, block, brick, stucco or stone surface.

Makes an excellent topcoat for TK's TRI-MIX CEMENTITIOUS CONCRETE SURFACER*.

APPLICATION PROCEDURES:

PREPARATION:

Remove any dust, salt, oil, grease, laitance, efflorescence, mildew, fungus, chalk dust or other contaminants with a high pressure water blast. Unstable masonry or release agents may require the use of abrasive or specialty chemical removal agents. The removal method selected should be the least destructive alternative.

New Concrete Surfaces - Concrete must be 28 days old (at minimum) and should have had adequate time to fully dry before applying this product. Consult TK Products for application recommendations where concrete surfaces are less than 28 days old. Repair any surface defects, and remove any laitance or efflorescence before applying. If a curing compound has been used, it must either be removed or have fully dissipated. The surface pH should be tested, and must be at 12 or below at the time of application.

Hairline Crack Preparation - Cracks smaller than 1/16" in width should be cleaned and allowed to dry completely. Pretreat with a brush coat of TK-TRI-LASTIC by smoothing over and working it into the crack.

Larger Crack Preparation - Cracks larger than 1/16" in width and which are non-moving should be cleaned and pretreated with a coat of TK-TRI-LASTIC and filled with TK-TRI-LASTIC knife grade.

TECHNICAL DATA	
Viscosity (KU):	108-125
pH:	9.5
Flash Point:	None
Dry Time** (70°F & 50% RH)	
To Touch:	30-45 minutes
Recoat/Light Traffic:	2 hours
Full Cure:	24-48 hours
VOC Content:	< 250 g/l
A.I.M. Category:	Flat Coatings, Exterior Maximum VOC 250 g/l
Applicable Standards:	-ASTM D-412 Elongation & Tensile Strength (1009% @ 73°F, 1181% @ 32°F) -ASTM E-96 Water Vapor Transmission (12.8 Perms) -ASTM D-3274/D-3273 Fungus and Mildew Resistance -ASTM E-882 Accelerated Weathering -ASTM C-666 Freeze/Thaw Resistance -Federal Spec. TT-C-555 B Wind Driven Rain
*Technical Data applies to Smooth texture only. Data for Fine and Medium textures may vary. **Cooler temperatures and higher humidity rates will extend dry times.	

Moving Crack Preparation - Prepare the crack to be filled with a paintable joint sealant and follow the instructions of the joint sealant manufacturer.

Chalky Surface Preparation - Excessively chalky surfaces may require a second cleaning or sealing with TK-BIND IT* chalky surface cleaner. Should the surface continue to show chalkiness, a fog coat of TK-225 LIQUID BONDING AGENT* (diluted to a minimum of 3:1) must be applied to ensure adhesion.

On surfaces where 100% of previous film chalk cannot be removed, prime with TK-ALKALI/STAIN RESISTANT PRIMER 5176*. This is not intended to be used in place of proper cleaning procedures, but as a precautionary measure for marginally acceptable surfaces.

MIXING:

- 1) TK-TRI-LASTIC is supplied ready to use and requires no thinning.
- 2) Stir the material with a low speed mixer to encourage color uniformity, proper aggregate distribution (textured product only), and to limit air entrapment.
- 3) When multiple containers are to be used, blend together (or "box") as necessary to ensure uniform color throughout the job.

APPLICATION:

A minimum dry film thickness of 16 mils will be required for all applications. The best way to achieve this is to apply two coats of TK-TRI-LASTIC at 100 square feet per gallon each coat. This will avoid sagging and will ensure that any pinholing or holidays will be adequately filled.

Roller Application - Use a 1-1/4 to 1-1/2 nap quality roller cover. Keep the roller adequately saturated with product during application in order to build the required mils. Avoid lap marks and work the product to natural break points (i.e. control joints, mortar joints, corners) before stopping.

Always end roller strokes with the roller facing the same direction as this will avoid inconsistent light/dark areas. TK-TRI-LASTIC has been formulated to allow for proper working time and with enough viscosity to build the required mils in just one coat (for some substrates).

Sprayer Application - Apply with an airless sprayer using a tip size of .027-.032. If pinholing appears on porous substrates, then back rolling will be required to avoid air entrapment. Always work the product to a wet edge. Use consistent application strokes to ensure uniformity throughout the project as variations in stroke will produce variations in product texture and finish. Fine and Medium textures should only be applied with a texture or hopper style spray pump with a tip size of 1/8"-3/8".

CLEAN UP:

Clean equipment with a solution of water and mild detergent.

COVERAGE:

Surface	Coverage
Block, brick or stucco	50-100 sq.ft./gal
Smooth concrete	100-125 sq.ft./gal
Restoration work or application over painted surfaces	200-350 sq.ft./gal

Coverage rates are provided as a guideline only. Many factors including surface texture, porosity and weather conditions will determine actual coverage rates.

LIMITATIONS:

- Do not apply over uncured concrete or stucco.
- Do not apply to improperly sealed substrates which are subject to moisture migration.
- Do not apply to surfaces subject to vehicle traffic.

- Do not apply to frozen and/or frost covered surfaces or surfaces that are wet or damp.
- Do not apply when temperatures are below 45°F or if the temperature is expected to fall below this level within 24 hours of application.
- Do not apply if rain is expected within 24 hours of application or during high humidity conditions.
- Field tinting is not recommended.
- Do not apply if the moisture content of the substrate is higher than 17%.

FIRST AID:

- Consult this product's safety data sheet for additional health and safety information. Safety Data Sheets are available through TK distributors, the TK office and the TK website.

AVAILABILITY:

TK-TRI-LASTIC is available through TK Distributors. Contact TK Products for the nearest distributor.

Available in three texture grades: Smooth (TK-5610), Fine (TK-5611) and Medium (TK-5612).

Available in standard colors or custom colors may be produced upon request (allow 2-3 weeks for custom colors to be produced). Please submit color standards for pricing.

Packaged in 55-gallon drums and 5-gallon pails.

FOR PROFESSIONAL USE ONLY

NOTES

- *TK-TRI-MIX CEMENTITIOUS CONCRETE SURFACER must be purchased separately
- *TK-BIND IT must be purchased separately
- *TK-LIQUID STAMP RELEASE 225 must be purchased separately
- *TK-ALKALI/STAIN RESISTANT PRIMER 5176 must be purchased separately

06/16 Last Rev. 03/15

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TK Products Construction Coatings

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