

TK-TRI-SHEEN CONCRETE SURFACER

Smooth Texture Masonry Coating

Item No. TK-5321 series

PRODUCT DESCRIPTION

TK-TRI-SHEEN CONCRETE SURFACER is a 100% acrylic, breathable masonry coating that provides a durable and attractive smooth-textured finish for a variety of decorative surfaces. Available in standard and custom color options.

Features:

- Will not fade, chip, crack, peel or support mildew growth.
- Resistant to degradation caused by ultraviolet light.
- Low maintenance - sheds dirt easily and stays cleaner, longer.
- Breathable film allows trapped moisture to pass through successfully without loosening or peeling the coating.
- Provides color uniformity and long-lasting color retention.

USES:

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

Ideal for surfaces subjected to moisture migration, such as parking ramps and underground garages.

APPLICATION PROCEDURES:

PREPARATION:

TK-TRI-SHEEN CONCRETE SURFACER should only be applied to clean, structurally sound and properly prepared surfaces. Power washing is recommended to remove all loose or crumbled laitance and dust from the surface. Do not leave pooling or pockets of water on the surface. Grease, oil or any form release agents should be removed with TK-CHEMICAL CLEANER 101* or other suitable cleaner. If the surface requires repair or patching, TK-COMplete CONCRETE PATCH* is recommended for use; allow to cure fully (48-72 hours) before proceeding with application. If other repair materials are to be used, consult the manufacturer's application instructions for cure and recoat times.

A test area of 400 square feet should be applied to the prepared surface to check for surface qualification, adhesion and color approval before proceeding with full application.

MIXING:

TK-TRI-SHEEN CONCRETE SURFACER is packaged ready for use. Stir well or agitate before use. Thinning should not exceed one pint of clear potable water per gallon of product, and should only be considered to improve ease of application due to various types of equipment and/or weather conditions. Never thin for the purpose of extending the amount of material.

APPLICATION:

TK-TRI-SHEEN CONCRETE SURFACER may be applied by spray, brush or roller. If applying in hot or windy conditions, occasional dampening of the surface may be

TECHNICAL DATA

Composition and Materials:	A blend of 100% high performance acrylic copolymers, advanced adhesion monomers and various siliceous powders for improved durability.
VOC Content:	< 250 g/l
A.I.M. Category:	Flat Coatings, Exterior Maximum VOC 250 g/l

TESTING DATA

	Test Method	Results
Water Vapor Transmission:	ASTM E96	9.75 grams/meter 2/24 hrs. 8 mils
Fungus Resistance:	Federal 141627-1	No fungus at 21 days
Freeze/Thaw Cycles:	ASTM C666-84	50 cycles Passes

required throughout the application process to avoid premature drying. It is important that a wet edge or open film be maintained as this will eliminate uneven application and will allow the film to properly coalesce. Note that cure times will be extended in cooler temperatures and at higher humidity rates.

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.

Roller Application - Keep the roller adequately saturated with product during application and apply consistently in one direction only - either vertically or horizontally. Work new material back into previously coated areas and out again to achieve a uniform rate of application. Never start or stop in the middle of a plane, but instead work edge to edge to natural break points (i.e. mortar joint, corner, control joints). Back roll as necessary.

Sprayer Application - An airless unit capable of approximately 2000-3000 psi with a tip size of 25-30 thousands should be used, however tip size and material pressure will be affected by hose length. The removal of internal filters may be required for proper application.

CLEAN UP:

Clean tools and equipment immediately with warm soapy water.

COVERAGE:

Surface	Coverage
Lightweight or break-off block	75-100 sq.ft./gal
Smooth precast panels	100-150 sq.ft./gal
Over existing coatings	250-350 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:

- Avoid application in direct sunlight or during extremely hot or windy conditions.
- Do not apply to frozen and/or frost covered surfaces.
- Ambient air and surface temperatures should be at least 40°F at the time of application and should not fall below 40°F during the curing process.
- It is recommended that the coating be allowed 24 hours of cure time before being exposed to rain as heavy rain or down bursts may cause wash off of the material if not fully cured.

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-SHEEN CONCRETE SURFACER is available through TK Distributors. Contact TK Products for the nearest distributor.

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, 5-gallon pails and 1-gallon cans.

FOR PROFESSIONAL USE ONLY

NOTES:

- *TK-CHEMICAL CLEANER 101 must be purchased separately
- *TK-COMplete CONCRETE PATCH must be purchased separately

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CONDITIONS OF SALE/ LIMITED WARRANTY

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TK Products Construction Coatings

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