



TK-TRI-SHEEN CONCRETE SURFACER

Textured Masonry Coating

Item No. TK-5319 (fine), TK-5301 (medium), TK-5691 (coarse)

PRODUCT DESCRIPTION

TK-TRI-SHEEN CONCRETE SURFACER is a 100% acrylic, non-cementitious protective coating that provides a durable and attractive textured finish for a variety of decorative surfaces. Available in three texture grades (fine, medium and coarse) and standard or custom color options.

Features:

- Ready-to-use and requires no primer prior to application.
- One-component formulation eliminates the possibility of on-site mixing/measuring errors, uneven textures or film failures.
- Excellent alternative to multi-component dry plaster mix products.
- Will not fade, chip, crack, peel or support mildew growth.
- Helps control efflorescence and salt leaching.
- Excellent resistance to road and/or deicing salts.
- Breathable film allows trapped moisture to pass through successfully without loosening or peeling the coating.
- Provides color uniformity and long-lasting color retention.
- Low maintenance - sheds dirt easily and stays cleaner, longer.

USES:

Suitable for interior or exterior use on any properly prepared, above grade, vertical poured or precast concrete, block, brick, stone, stucco or cementitious surface. May also be used as a topcoat over a variety of silane and siloxane water repellent coatings.

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. If the surface is highly contaminated and cannot be sufficiently cleaned by power washing, then sandblasting will become necessary. 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. Patches on smooth concrete panels must be ground smooth to prevent "telegraphing" through the finish coats.

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,

TECHNICAL DATA	
Composition and Materials:	A blend of 100% high performance acrylic copolymers, advanced adhesion monomers and various sizes of siliceous volcanic rock, silicas and siliceous powders all suspended in an aqueous dispersion.
Dry Time (70°F & 50% RH)	1-4 hours
VOC Content:	< 250 g/l
A.I.M. Category:	Flat Coatings, Exterior Maximum VOC 250 g/l
Applicable Standards:	- Fed. Spec. TTP #19 - MnDOT Spec. #3584

TESTING DATA		
	Test Method	Results
Water Vapor Transmission:	ASTM E96	14.7+ grams/meter 2/24 hr.
Fungus Resistance:	Federal 141627-1	No fungus at 21 days
Freeze/Thaw Cycles:	ASTM C666-84	50+ cycles Passes

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 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 - Use a 1 inch nap quality roller cover. 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. DO NOT EXCEED 100 SQUARE FEET/GALLON COVERAGE.

Sprayer Application - Use a hopper-type texture gun. On larger projects, a non-pulsating positive displacement pump with a minimum 1" material line should be used. Tip size will be determined by the output of the chosen pump.

NOTE: Where enhanced protection or accent colors are desired, a topical coat of TK-TRI-SHEEN ACRYLIC may be applied. The two-coat, breathable system not only enhances the performance of this product but also offers the architect a vast array of colors to choose from.

CLEAN UP:

Clean tools and equipment immediately with warm soapy water.

COVERAGE:

Surface	Coverage
Lightweight or break-off block	40-50 sq.ft./gal
Normal precast panels	50-60 sq.ft./gal
Stone, brick or steel troweled concrete	60+ sq.ft./gal
Smooth gyp board, sealed surfaces	50-175 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.
- This product should only be applied when ambient air temperatures have been above 45°F for a period of no less than 48 hours prior to application, and will stay above 45°F for 48 hours following application.
- Avoid application when rain or mist could occur within 48 hours following application.

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 and 5-gallon pails.

FOR PROFESSIONAL USE ONLY

NOTES:

*TK-CHEMICAL CLEANER 101 must be purchased separately

*TK-COMPLETE CONCRETE PATCH must be purchased separately

*TK-TRI-SHEEN ACRYLIC must be purchased separately

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