

TK-TRI-CON SYSTEM

Protective Cementitious Coating

PRODUCT DESCRIPTION

TK-TRI-CON SYSTEM is a three-part system combining a cementitious concrete surfacer, an acrylic bonding agent and a 100% acrylic masonry coating for the ultimate in surface protection, adhesion between components, and an attractively colored/textured finish.

Features:

- Eliminates the rubbing process on vertical concrete
- Fills "bug eyes" left in poured concrete.
- Non-combustible, low toxicity
- Quick drying
- No unpleasant odor
- Low maintenance - cleans easily with soap and water

TRI-CON THREE-PART SYSTEM COMPONENTS

1) Cementitious Concrete Surfacers (Part "A"): TK-TRI-MIX CONCRETE SURFACER* provides sealing and waterproofing for protection against infiltration of water and chemicals. Fills pores, cracks and voids to permanently bond the surface making it more dense and durable. Provides uniform color and texture to make the surface more attractive.

2) Acrylic Bonding Agent (Part "B"): TK-LIQUID BONDING AGENT 225* facilitates adhesion and cohesion between each component of the system, as well as durability against chemical resistance.

3) Acrylic Masonry Coating (Part "C"): TK-TRI-SHEEN ACRYLIC* coating is breathable, allowing moisture to escape and resist mildew and fungal growth. The film is flexible, does not peel or crack and resists stains and color fading from exposure to ultra-violet light.

USES:

Suitable for a variety of vertical or horizontal cementitious surfaces such as: concrete, masonry, brick, block and stucco.

Ideal for areas requiring protection from water and salt spray such as bridge supports, parapets, barrier walls, reservoirs, tunnels and basements.

APPLICATION PROCEDURES

PREPARATION:

Remove all loose and/or crumbled laitance and dust from the work area. Spalled or disintegrated surfaces should be repaired with TK'S COMPLETE CONCRETE PATCH and completely cured (48-72 hours) before placing the TRI-CON SYSTEM. Any grease, oils, stains or form release agents should be removed with TK-CHEMICAL CLEANER 101*. Do not allow pockets of water to remain after cleaning.

MIXING*:

1) Prepare a solution of 1-part of TK-LIQUID BONDING AGENT 225 (part "B") to 3-parts water for a total of 4-1/2 quarts of liquid material.

TECHNICAL DATA

VOC Content:	< 250 g/l
A.I.M. Category:	Flat Coatings, Exterior Maximum VOC 250 g/l
Applicable Standards*:	-MnDOT 5694.182 (special surface finish)

*See individual component technical data sheets for more applicable standards

2) In a separate container, combine 1/2-gallon of TK-TRI-SHEEN ACRYLIC (part "C") with 1-40 lb bag of TK-TRI-MIX CONCRETE SURFACER (part "A").

3) Combine this mixture with the liquid material until a pancake batter consistency is achieved.

4) Allow the mixture to sit for 15 minutes, then re-stir and use.

*When mixed at these ratios, the TK-TRI-CON SYSTEM will yield approximately 3-gallons of material.

APPLICATION:

Spray Application - Use a plaster or hopper-type spray gun, spraying from a uniform distance and at a thickness of 1/8" or sufficient thickness to evenly seal, fill and level all surfaces. When applying in extremely hot conditions, a tack coat should be used before applying the TK-TRI-CON SYSTEM.

Trowel Application - Surfaces that are not level or are uneven may require trowel application. Follow mixing instruction above, except omit some of the liquid material to produce a more trowelable consistency. Note that this will result in a lower coverage rate per gallon.

COVERAGE*:

Unit	Coverage
1-gallon batch	24 square feet
3-gallon batch (following the above mixing ratios and applying at 1/8" thick)	72 square feet

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

LIMITATIONS:

- Protect from freezing.
- Do not apply to frozen or frosty surfaces.
- Do not apply when air temperatures are below 40°F.

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-CON SYSTEM is available through TK distributors. Contact the TK Products office for the nearest distributor.

Contact TK Products for packaging and availability information.

FOR PROFESSIONAL USE ONLY

NOTES:

*TK-TRI-MIX CONCRETE SURFACER must be purchased separately

*TK-LIQUID BONDING AGENT 225 must be purchased separately

*TK-TRI-SHEEN ACRYLIC must be purchased separately

*TK-CHEMICAL CLEANER 101 must be purchased separately

02/15 Last Rev. 09/14

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**TK Products Construction Coatings**

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