



ISO 9001 CERTIFIED

TK-SALT PROTECTOR PLUS WB

Water-Borne Deep Penetrating Water & Salt Repellent

Item No. TK-290 WB 05

PRODUCT DESCRIPTION

TK-SALT PROTECTOR PLUS WB is a ready-to-use, water-borne, VOC compliant, deep penetrating, silane/siloxane blend that acts as an impenetrable barrier against the intrusion of water and chloride ions (salt) into concrete and masonry surfaces.

Features:

- Extremely low VOC content and virtually odor-free.
- Low viscosity for deep penetration into the substrate and elimination of surface moisture which can lead to spalling, freeze damage and rebar corrosion.
- Forms a permanent bond with the substrate to provide uniform protection against damage due to water and deicing chemicals, acid rain, freeze/thaw exposure, airborne dirt, smog, industrial fumes and most other atmospheric chemicals.
- Outperforms typical water repellents which can only bond physically with the surface and thus provide only marginal protection.
- The coating is colorless, non-staining and non-yellowing.

USES:

Suitable for above-grade surfaces, vertical or horizontal.

Use to protect any concrete, burnish block, CMU, single wythe, masonry or cementitious surface. Applications include parking structures, bridge decks and ramps, piers and pilings, precast concrete, poured concrete walls, natural and synthetic stone, burnish block, split face block, stucco and clay brick.

* This product is not suitable for use on gypsum, glazed brick or block which will be painted over.

APPLICATION PROCEDURES:

PREPARATION:

Before using this product, read the Safety Data Sheet for complete safety information.

New Concrete - It is best practice to allow new concrete surfaces 2-4 weeks to cure before treating with this product. Remove any coarse particles or dust with a brush or with compressed air. Only impregnate concrete that has a uniformly dry surface with no damp spots or patches.

Existing Concrete: - Weathered or dirty surfaces should be cleaned using superheated steam or by power-washing.

A test patch should always be performed to determine proper results and coverage rates prior to application.

MIXING:

The material is ready for use and requires no mixing. Do not thin or dilute.

TECHNICAL DATA

Composition and Materials:	A water borne, silane/siloxane blend.
Active Solids (%):	5%
Flash Point:	> 200°F
VOC Content*:	< 20 g/l
A.I.M. Category:	Low Solids Coating Maximum VOC 120 g/l
Applicable Standards:	- ASTM C666 Resistance of Concrete to Rapid Freezing and Thawing - ASTM C672 Scaling Resistance - NCHRP 244 (water absorption, % water vapor transmission and % reduction in chloride intrusion)

APPLICATION:

Apply by roller or spray equipment in a uniform manner and in sufficient quantity to completely wet out the substrate with a minimum of 2" run down. Avoid puddling on horizontal surfaces. Very porous surfaces may require two coats.

Decorative/Integrally Colored Block application - When applying to decorative block or substrates where darkening of the surface is undesirable, apply only to the point of saturation (no run down).

CLEAN UP:

Clean tools, equipment and spills with warm soapy water.

COVERAGE:

Surface	Coverage
Most Concrete and Masonry (substrate dependent):	50-200 square feet/gallon
Parking Structures and Bridge Decks:	125 square feet/gallon

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

MAINTENANCE:

If wear patterns occur, TK-SALT PROTECTOR PLUS WB may be reapplied to affected areas.

LIMITATIONS:

- KEEP FROM FREEZING.
- Do not use below-grade or under hydrostatic pressure.
- Do not apply if substrate temperature is below 40°F for 24 hours prior to treatment.
- Over application may cause darkening or discoloration of the surface.

- Application to inappropriate or non-compatible substrates may affect adhesion of subsequent coatings.

PROTECTION OF VEGETATION, GLASS AND ALUMINUM SURFACES:

Avoid contact with live vegetation, glass and aluminum. If properly protecting these surfaces is impractical, the following steps should be performed:

- 1) Minimize contact of TK-SALT PROTECTOR PLUS WB with live vegetation, glass and aluminum surfaces.
- 2) If TK-SALT PROTECTOR PLUS WB comes into contact with glass or aluminum, thoroughly clean surfaces with Windex® or an ammonia cleaner while the material is still wet.

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-SALT PROTECTOR PLUS WB is available through TK Distributors. Contact TK Products for the nearest distributor.

Packaged in 55-gallon drums, 5-gallon pails and 1-gallon cans.

FOR PROFESSIONAL USE ONLY

NOTES:

- *TK-TRI-SHEEN CONCRETE SURFACER must be purchased separately
- *TK-TRI-CON SYSTEM must be purchased separately
- *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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