

# TK 190 WB™ PRODUCT DATA SHEET



## DESCRIPTION

**TK 190 WB** is a ready-to-use, waterborne, low VOC, penetrating, silane/siloxane blend. Engineered to prevent damage from de-icing agents, salts, and freeze damage. **TK 190 WB** is formulated to penetrate and protect residential concrete and masonry surfaces.

### USES:

**TK 190 WB** is suitable for both vertical and horizontal surfaces and applications such as:

- Driveways
- Sidewalks & Curbs
- Patios & Porches
- Pool Decks
- Salt Water Pools
- Garages
- Retaining Walls
- Statues & Features

### BENEFITS:

- Low VOC & Odor Free – Meets the VOC Regulatory Compliance for OTC, LADCO, CARB, SCAQMD, CANADA
- Non-Film Forming – Maintains the surface's slip resistance (coefficient of friction)
- Non-Color Enhancing – Will not alter the appearance of the substrate and will not yellow
- Performance – Ready-to-use formulation makes it easy to apply with long-lasting results

## APPLICATION PROCEDURES

### PREPARATION:

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

**New Concrete preparation** - It is best practice to allow new concrete surfaces 2 to 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 preparation** - Surfaces to be treated must be clean and structurally sound. Surfaces that are weathered or dirty should be cleaned using superheated steam or by power-washing to remove all grease, oils, form oils, sealers or curing compounds.

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.

### APPLICATION:

**Horizontal Surfaces:** Apply by roller or spray equipment in a uniform manner and in sufficient quantity to completely wet out the substrate. Any puddles should be broomed out.

**Vertical Surfaces:** 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-inch run down.

**Decorative/Integrally Colored Block:** 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: 50-200 square feet per gallon (Substrate dependent)	50-200 square feet per 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 190 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 incompatible 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 190 WB with live vegetation, glass, and aluminum surfaces.
2. If TK 190 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.

## REVISIONS

LAST: 11/18

PREVIOUS: 03/16

## TECHNICAL DATA INFORMATION

<b>Composition and Materials:</b>	A waterborne, silane/siloxane water repellent
<b>Active Solids (%):</b>	5%
<b>Flash Point:</b>	No Flash - Aqueous System
<b>VOC Content*:</b>	< 120 g/l
<b>A.I.M. Category:</b>	Low Solids Coating
<b>Maximum VOC:</b>	120 g/l
<b>Applicable Standards</b>	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)

## MANUFACTURER PART #'S

Size	Item Code
55-GALLON	TK 290 WB 05 55 CL.HD.L
5-GALLON	TK 290 WB 05 5L PHEN PS
1-GALLON	TK 290 WB 05 G.F PLSTC

## VOC REGULATORY COMPLIANCE

AIM	OTC	LADCO	CARB	SCAQMD	CANADA
					