

# TK-ANTI-GRAFFITI PRIMER 1450

Item No. TK-1450

## PRODUCT DESCRIPTION

TK-ANTI-GRAFFITI PRIMER 1450 is a water-based urethane prime coat for use under anti-graffiti coatings, such as TK-PERMACLEAN VOC\*. The primer helps to reduce or eliminate surface darkening or color change that occur when anti-graffiti coatings are applied to concrete and masonry surfaces.

### Features:

- Helps to reduce or eliminate pigment bleeding
- Excellent resistance to weathering, including humidity

### USES:

For use on a variety of surfaces including concrete, masonry, brick, block, stucco, wood, steel and previously painted surfaces.

Apply in areas prone to graffiti vandalism/repeated tagging such as: noise barrier walls, signs, parking ramps and transit facilities.

## APPLICATION PROCEDURES

### PREPARATION:

Surfaces must be clean, dry and free of oil, grease, dust and efflorescence. Make any necessary repairs to the surface before applying TK-ANTI-GRAFFITI PRIMER 1450.

Acid Stained and Acid Etched Substrate Preparation - Special care must be taken to ensure that the substrate has been sufficiently neutralized, rinsed and dried. First, neutralize the surface by scrubbing in a solution of baking soda, sodium carbonate, trisodium phosphate (TSP), or sodium metasilicate followed by multiple thorough rinses with clean water. Rinse water must be removed by flushing down a drain (if permitted) or by vacuum. The recommended pH of the substrate is 7-9 and should be tested with litmus paper at this time.

### MIXING:

TK-ANTI-GRAFFITI PRIMER 1450 is supplied ready to use but should be stirred prior to use to eliminate any phase separation or settling which may have occurred upon shipping or storage. If thinning is required, thin sparingly with water.

### APPLICATION:

Air temperatures at time of application should be between 45°F - 90°F. Apply TK-ANTI-GRAFFITI PRIMER 1450 by airless or conventional sprayer, roller or brush. Apply evenly, avoiding any puddles or runs and maintain a wet edge to avoid lap marks. Substrates that are extremely porous, or which have been acid cleaned or aggressively power washed may require a second coating of TK-ANTI-GRAFFITI PRIMER 1450 to adequately seal the surface.

## TECHNICAL DATA

Composition and Materials:	A waterborne, aliphatic polyurethane dispersion
Solids by weight (%):	17%-18%
Average Dry Time (70°F):	
Tack Free	1-2 hours
Recoat	4 hours
Full Cure	8 hours
VOC Content:	< 350 g/L
A.I.M. Category:	Primers and Undercoaters Maximum VOC 350 g/L
A.I.M. Category:	Specialty Primers, Sealers and Undercoaters Maximum VOC 350 g/l

### Removing Graffiti from Treated Surfaces:

Whenever treated surfaces become vandalized with graffiti, TK-KWIK KLEAN\* should be used to clean as it will soften and remove the graffiti without damaging the protective anti-graffiti membrane. Important Safety Note: The appropriate personal protective equipment is necessary to avoid injury during this process. Safety glasses/goggles and impervious gloves, at a minimum, are required. An appropriate NIOSH approved charcoal respirator is recommended for application in confined areas.

Graffiti Removal: Wet the surface with TK-KWIK KLEAN by wiping or spraying it onto the surface. Frequently repeat this process for 15-20 minutes to maintain a continually wet surface. Once the graffiti has softened sufficiently, wipe the surface with a clean rag that has been saturated in TK-KWIK KLEAN. Scrubbing will be required for heavily graffitied areas or on porous surfaces. Stubborn areas may require a second application of TK-KWIK KLEAN. A light power washing may be used to remove any remaining residue.

\*It is best to perform this procedure out of direct sunlight and during cooler periods of the day in order to retard the solvent evaporation rate.

### CLEAN UP:

Clean tools and equipment with soap and water before the material dries.

### COVERAGE:

Typical coverage rate is 225-335 ft<sup>2</sup>/gallon. Coverage rates are provided as a guideline only. Many factors including surface texture, porosity and weather conditions will determine actual coverage rates.

**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-ANTI-GRAFFITI PRIMER 1450 is available through TK Distributors. Contact TK Products for the nearest distributor.

Packaged in 5-gallon pails and 1-gallon cans.

FOR PROFESSIONAL USE ONLY

**NOTES:**

\*TK-PERMACLEAN VOC must be purchased separately

\*TK-KWIK KLEAN must be purchased separately

06/16 Last Rev. 03/16

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**TK Products Construction Coatings**

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