

TK-PERMACLEAN VOC ANTI-GRAFFITI COATING

Item No. TK-1495 high gloss, TK-1496 matte gloss

PRODUCT DESCRIPTION

TK-PERMACLEAN VOC anti-graffiti coating is a single component, non-yellowing, permanent product which features unique blends of aliphatic urethane resins specifically formulated to protect vulnerable surfaces from graffiti vandalism. Spray paint, lipstick, marker, nail polish and multiple component paint products will not adhere to surfaces protected with TK-PERMACLEAN VOC.

Features:

- Able to withstand numerous cleansing with harsh solvents, power washing and graffiti removal agents, and requires no recoating following removal of defacement substances.
- Harsh solvents, power washing and graffiti removal agents will not harm the coating or affect its performance.
- Single-component.
- The coating is clear, non-yellowing, and UV and weather resistant.
- May be tinted to an array of colors using TK-1166 Urethane Colorants.

USES:

TK-PERMACLEAN VOC protects a wide variety of surfaces including; masonry, brick, block, stucco, all types of wood, steel and previously painted surfaces. Areas that are prone to repeated tagging such as barrier walls, bridges, signs, parking ramps and transit facilities would greatly benefit from the protection offered by TK-PERMACLEAN VOC.

APPLICATION PROCEDURES

PREPARATION:

All surfaces to be coated should be free of any foreign matter. Loose paint, oil, grease, dirt, etc. must be removed before application. Allow ample time for excess moisture from cleaning and acid etching to dry as excess moisture in the concrete may lead to undesirable foaming or gassing in the film. All spray equipment should be flushed prior to use with xylene to eliminate any moisture or foreign matter left behind by application equipment. A new material hose is recommended.

A test panel mock-up should be applied prior to project start-up to determine coverage rates, appearance and proper results.

PRIMER:

It is recommended that TK-ANTI-GRAFFITI PRIMER 1450* be used prior to application of TK-PERMACLEAN VOC. On unsealed, porous substrates, TK-ANTI-GRAFFITI PRIMER 1450 **MUST** be used to prevent excessive absorption of TK-PERMACLEAN VOC into the substrate and to allow a protective film to form on the surface. When used over previously coated surfaces, the primer may also be required to eliminate lifting or discoloring of the existing coating.

TECHNICAL DATA

| TK-PERMACLEAN VOC | TK-1495 Gloss | TK-1496 Matte |
|-------------------------------|--|---------------|
| Solids by weight (%): | 38.2% | 41.0% |
| Solvent Type: | Exempt Solvent/ Aromatic Blend | |
| Flash Point: | 40°F | 40°F |
| Shelf Life: | Six Months in Closed Containers | |
| Desired Film Thickness (dry): | 1 to 2 DFT | |
| V.O.C. Content: | < 350 g/L | |
| A.I.M. Category: | Specialty Primers, Sealers and Undercoaters Maximum VOC 350 g/l | |

Due to the wide variety of surfaces requiring protection, a test application must be performed prior to application of TK-PERMACLEAN VOC. TK-PERMACLEAN VOC may alter the original appearance and/or color of the surface, so approval should be obtained before continuing.

APPLICATION:

TK-PERMACLEAN VOC may be applied by brush, roller or spray. Generally no thinning is required. When using airless spray equipment, tip sizes of .011" to .013" are recommended. Upon opening of the container, it is recommended that the entire contents be used. Complete the entire job or plane without stopping and starting again. One thin coat not to exceed 4 wet mils will provide the proper protection required. Too heavy a coating may result in down glossing, sagging or runs. If a porous surface is encountered, a cross-hatch spray application may be required.

The higher the relative humidity at the time of application, the faster TK-PERMACLEAN VOC will cure. Low humidity and dry conditions at the time of application will prolong cure times.

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 PERMACLEAN 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 all equipment or spills immediately with TK-00 XYLENE*. Do not use water.

COVERAGE:

| Product | Coverage |
|-------------------|--------------------|
| TK-1495 VOC Gloss | 300-400 sq.ft./gal |
| TK-1496 VOC Matte | 350-450 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:

- Ambient air temperatures should not fall below 35°F or exceed 95°F for a period of 12 hours before or after application.
- Porous surfaces may require a scrubbing action to clean the graffiti out of the pores.
- TK-PERMACLEAN VOC is most effective if allowed to cure for 14 days.

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-PERMACLEAN VOC Anti-Graffiti Coating 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-ANTI-GRAFFITI PRIMER 1450 must be purchased separately
- *TK-00 XYLENE must be purchased separately
- *TK-KWIK KLEAN must be purchased separately

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TK Products Construction Coatings

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