

TK-HI TECH PLUS

100% Epoxy for Vertical Applications

Item No. TK-2493 series

PRODUCT DESCRIPTION

TK-HI-TECH PLUS is a solvent-free, high-build, high solids, 100% epoxy/amine system designed specifically for vertical concrete applications where maximum durability and chemical resistance are needed. The high-gloss finish is available in both clear and ready-made standard colored formulations.

Features:

- Forms a tough, high strength coating that is resistant to abrasion.
- Resistant to damage caused by exposure to alkalis, solvents, acids, salt solutions and water, fats, oils and fuels.
- Formulated with resins which work as an adhesive within the substrate, strengthening it around minor cracks, crevices and weak spots.
- Virtually odor-free during installation and curing, making it ideal for interior applications.
- Low maintenance, high-gloss finish is smooth, durable and easy to clean.
- Easy, user-friendly roller application.

USES:

Suitable for interior use on properly prepared vertical concrete, drywall or steel surfaces subjected to abrasion, chemical/corrosive attack, or for areas in which a glossy, attractive and durable coating is desired.

APPLICATION PROCEDURES:

PREPARATION:

Surfaces should be clean, dry and properly prepared/primed. Glossy surfaces should be sand blasted or abraded.

MIXING:

- 1) Stir components "A" and "B" separately before combining together.
- 2) Using a 1:1 mix ratio, thoroughly combine components "A" and "B" in a clean container and mechanically mix for 2 minutes, scraping sides and bottom of the container (note that longer mixing times will reduce working time). Avoid whipping air into this mixture.
- 3) Mix only in quantities that can be used within the pot life time.
- 4) No induction time is required and this product is ready to use immediately. Do not thin.

APPLICATION:

Apply by airless or conventional spray, brush, high quality roller. Apply in a uniform manner and maintain a wet edge to prevent lap marks. To prevent outgassing, ensure that the concrete is completely dry and that the coating is being

TECHNICAL DATA

Composition and Materials:	A solvent-free, high solids, 100% epoxy/amine system
Viscosity:	2000-5500 cps
Solids by Weight:	> 99%
Gloss at 60° Angle:	80 minimum
Pot Life:	40-75 minutes (at 75°F)
Flash Point:	N/A
Dry Time:	Tack Free Recoat Full Cure
	4-8 hours 24 hours 48-72 hours
VOC Content:	< 20 g/l
A.I.M. Category:	Nonflat Coatings, Interior Maximum VOC 380 g/l

applied as the substrate is cooling. If a second coat is desired, recoat within 24 hours.

CLEAN UP:

Clean tools and equipment with TK-99 SUPER SOLVENT* OR TK-00 XYLENE* before the material dries.

COVERAGE:

Surface	Coverage
Drywall	300-400 sf ² /gallon
Precast Concrete	250-400 sf ² /gallon
Formed Concrete	200-350 sf ² /gallon
CMU	150-250 sf ² /gallon

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

LIMITATIONS:

- Surface and ambient temperatures should be above 50°F for the epoxy to cure properly.
- Concrete must be completely cured and dry before application.
- Do not apply over surfaces that are frozen, structurally unsound or where water or water vapor is being transmitted through the concrete.
- Do not use on asphalt.
- Designed for indoor use as it may yellow slightly or chalk if used outdoors.
- Do not use once pot life has expired.
- Do not mix freshly catalyzed material with previously catalyzed material.
- Do not thin or reduce with solvents.

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-HI TECH PLUS is available through TK Distributors. Contact TK Products for the nearest distributor.

Available in clear and ready-made standard color options. Contact your representative for color availability.

Packaged in 10-gallon kit and 2-gallon kit units.

Kit Contents:

10-gallon Kit: (2) 5-gallon pails

2-gallon Kit: (2) 1-gallon cans

FOR PROFESSIONAL USE ONLY

NOTES:

*TK-99 SUPER SOLVENT must be purchased separately

*TK-00 XYLENE must be purchased separately

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TK Products Construction Coatings

11400 West 47th Street Minnetonka, MN 55343

800-441-2129 toll free | 952-938-8084 fax | www.tkproducts.com