



Kemiko Decorative
& Industrial Coatings

TECHNICAL BULLETIN

KEMIKO® CLEAR-A-THANE

Gloss & Satin

Description

KEMIKO® CLEAR - A - THANE is a waterborne, water viscosity, single component acrylic urethane polymer that offers low VOC, is very user friendly, and formulated to seal concrete and provide resistance against water, alkali, acids, UV Light, and staining. Kemiko Clear-A-Thane is available in both clear gloss and satin finish, and forms a non-yellowing interior/exterior protective coating.

Applications

KEMIKO® CLEAR - A - THANE is applied to properly prepared concrete, and utilized as a resilient protective finish coat over Kemiko Stone Tone Stains and Rembrandt Polymer Stains. Typical applications include commercial and residential cement floors, hospitals, showroom floors, schools, shopping malls, patios, walkways and many other interior/exterior floor surfaces requiring additional protection. Excellent replacement product for high VOC lacquers, acrylics, and varnishes, which cures fast to a hard resilient film with excellent flow properties.

Performance

VOC	<50 g/l
Pencil Hardness	2H-3H ASTM D-3363
Stain Resistance	Catsup, Soft Drinks, Wine, House Dressing, and Commercial Cleaners.
Excellent Leveling & Flow	Brush, Roll & Spray Applications
Coefficient of Friction (ASTM F609)	
- Gloss	0.35
- Satin	0.53

Physical Characteristics

Solids by Weight	30%
Packaging	1s, 5s
Gloss	High Gloss >80 @60° Satin 25-35 @60°
Dry Time	@70°F. 50% RH 30 minutes to touch 1 hour to recoat – foot traffic 4 hours Heavy traffic in 24 hours Full cure in 48 hours (washability)
Film Thickness	3-4 mils wet to achieve –1.0-1.5 mils dry. DO NOT EXCEED RECOMMENDED FILM THICKNESS – AIR ENTRAPMENT OR FOAMING MAY OCCUR.
Coverage	300-400 ft ² /gallon – per coat
Thinning	None required. Use mild soap and tap water for cleanup.



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Surface Preparation

Concrete –

All visible oil, grease, sludge, and any other contaminants shall be removed prior to any abrasive surface preparation, acid etching and water washing. Surface shall be cured, dry and free from alkali stain and laitance. Blas-Trac is preferred for long term adhesion and non-slip surface.

Existing Coatings –

Wash off any chalk, remove all visible grease, oil, dirt, or any other deleterious matter. Spot prime surfaces prior to full application coat. Warning! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log onto www.epa.gov/lead.

Application Methods

Brush –

Use top-quality nylon bristle brush for best film properties.

Roller –

Lambswool or similar cover with phenolic core, ¼ inch nap thickness.

Spray –

Commercial conventional air spray or airless spray equipment utilizing spray gun tip size between .013”-.015”. Adjust pressure for proper atomization.

Environment –

Apply between 50°F. – 100°F. and 5°F. above dewpoint.

Safety –

Surfaces subjected to water may become slippery if coated with KEMIKO® CLEAR - A - THANE. If you must seal these surfaces, keep the sealer film build-up to a minimum. In severe cases, a nonslip material such as fine glass beads, washed silica sand and other aggregates may be broadcast between coating applications.

Note: The coating is not recommended for hot tire pick up.

Contact EPMAR for any additional application information.

Warranty

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product, which is proved to be defective. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss, or damage resulting from use of this product.

Service is part of our formula

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