



## Concrete Coatings & Floor systems

## TECHNICAL BULLETIN Kemiko® Clear-A-Thane™ Gloss (K56-1), Satin (K57-1)

### Description

Kemiko® Clear-A-Thane™ Gloss (K56-1) and Satin (K57-1) series is a waterborne, low viscosity, low odor, single component acrylic urethane polymer that can be used to protect bare concrete, Stone Tone™ acid stained concrete, and Rembrandt™ Polymer stained concrete. This user friendly easy-to-apply coating is designed to be a waterproofing sealer for horizontal and vertical cementitious substrates such as concrete and masonry. This product offers benefits such as low VOC, chemical resistance, stain resistance, and UV resistance. Kemiko® Clear-A-Thane™ is available in clear gloss and satin finishes. Clear-A-Thane™ is an excellent replacement product for high VOC lacquers, acrylics, and varnishes.

### Applications

Kemiko® Clear-A-Thane™ (K56-1 & K57-1) can be applied over properly prepared concrete, Kemiko® Stone Tone™ Stains, and Rembrandt™ Polymer Stains as a resilient protective finish coat. Typical applications include commercial and residential cement floors, hospitals, showroom floors, schools, shopping malls, patios, walkways and many other interior/exterior surfaces requiring additional protection.

### Physical Characteristics

<b>Kit Size</b>	1 gallon, and 5 gallon kits available
<b>Colors Available</b>	Clear High Gloss & Medium Satin
<b>Volume Solids</b>	25% volume solids
<b>VOC Contents</b>	<100 g/L (Theoretical) Compliant to SCAQMD Rule 1113
<b>Specific Gravity</b>	1.03 (theoretical)
<b>Gloss at 60°</b>	Gloss: >80 Gloss Units; Satin: 40-80 Gloss Units (ASTM D523)
<b>Abrasion</b>	30mg loss; CS17, 1KG, 1000 cycles (ASTM D4060)
<b>Hardness</b>	B (ASTM D3363)
<b>Adhesion</b>	Tape Test Result: 5B 0% area removed (ASTM 3359)
<b>Film Thickness</b>	3-4 mils wet
<b>Coverage Per Kit</b>	1gal- 400ft <sup>2</sup> - 500ft <sup>2</sup> (27.9m <sup>2</sup> - 46.5m <sup>2</sup> ) at recommended wet film thickness 5gal- 2000ft <sup>2</sup> - 2500ft <sup>2</sup> (139.3m <sup>2</sup> - 232.3m <sup>2</sup> ) at recommended wet film thickness Note: Coverage rates will vary depending on surface texture and porosity
<b>Dry/Recoat Time</b>	Dry to Touch: 2-3 hours Light Foot Traffic: 8-10 hours Heavy Traffic: 20-24 hours Full Chemical & Physical Resistance Cure: 3-5 days Recoat Window: Within 10 hours after product reaches Dry to Touch state Note: Product tested at 70°F and 30% RH. Dry and recoat times will depend on temperature, humidity and other conditions relative to the environment.
<b>Odor</b>	Low odor
<b>Hot Tire Pick Up</b>	Coating is not recommended for hot tire pick up resistance
<b>Primers</b>	No primer required
<b>Thinning</b>	Do not thin product
<b>Clean Up</b>	Clean tools with warm water and mild soap
<b>Shelf Life</b>	12 months from date of manufacture



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### Packaging Description

#### Weight per Kit:

8.66lbs (3.93kg) / 1Gal (3.78L) of product in a premeasured 1 gallon (3.78L) container  
43.3lbs (19.64kg) / 5Gal (18.93L) of product in a premeasured 5 gallon (18.93L) container

### Environmental Conditions

Apply between 50°F - 85°F (10°C - 29°C) and 5°F (3°C) above dew point. Avoid using in direct sunlight.

Do not apply on rainy or foggy days.

### Clean Up

Use warm water and mild soap to clean tools. Use warm water and mild soap to clean hands and skin.

### Storage Conditions

Store between 50°F - 100°F (10°C - 37.8°C). Keep in a cool, well-ventilated area, away from direct sunlight and heat. Store in a segregated and safe area, avoiding all possible sources of ignition.

### Safety

Care should be taken when using this product. During application, use proper protective equipment including, but not limited to; protective eye wear, proper respirator, and protective gloves. Ensure work spaces are well ventilated. Refer to the Application Bulletin for application information. Refer to product label and SDS carefully for more detailed safety information prior to use or handling.

### Disclaimer

Information provided in this technical bulletin is based on laboratory testing and is used as a guideline only. Customer should test the material for their specific application and under their application conditions before using the product on a project

### 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 that 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.



Contact us for any additional application information.

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