



Description

Kemiko Clear-A-Thane is a waterborne, low viscosity, low odor, single component acrylic urethane polymer that can be used to protect bare concrete, Stone Tone Concrete Acid stained concrete and Rembrandt Acrylic 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 can be applied over properly prepared concrete, Kemiko Stone Tone Acid stains and Rembrandt Acrylic 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 and exterior surfaces requiring additional protection.

Physical Characteristics

Kit Size	1 gallon and 5 gallon kits available
Colors Available	Clear
Volume Solids	25% Volume Solids
VOC Contents	<100g/L (Theoretical), Compliant to SCAQMD Rule 1113
Specific Gravity	1.03 (Theoretical)
Gloss	@60° - Gloss: >80 Gloss Units, Satin: <30 Gloss Units (ASTM D523)
Abrasion	30mg loss; CS17, 1KG, 1000 cycles (ASTM D4060)
Hardness	B (ASTM D3363)
Adhesion	Tape Test Result: 5B 0% area removed (ASTM 3359)
Film Thickness	3-4 mils wet
Coverage per Kit	1 gallon: 400ft ² -500ft ² (27.9m ² -46.5m ²) at recommended film thickness 5 gallon: 2000ft ² -2500ft ² (139.3m ² -232.3m ²) at recommended film thickness <i>Note: Coverage rates will vary depending on surface texture and porosity.</i>
Dry/Recoat Time	Dry to Touch: 2-3 hours Light Foot Traffic: 8-10 hours Heavy Traffic: 20-24 hours Full Chemical and Physical Resistance Cure: 3-5 days Recoat Window: Within 10 hours after product reaches Dry to Touch state <i>Note: Product tested at 70°F, 30%RH. Dry and recoat times will depend on temperature, humidity and other conditions relative to the environment.</i>
Odor	Low
Hot Tire Pickup	Coating is not recommended for hot tire pick up resistance
Primers	None required
Thinning	Do not thin
Clean Up	Clean tools with warm water and mild soap
Shelf Life	12 months from date of manufacture



**Concrete
Coatings &
Floor Systems**

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

Packaging Description

Weight per Kit, Gloss (K56-1):

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

Weight per Kit, Satin (K57-1):

8.55lbs (3.87kg) / 1Gal (3.78L) of product in a premeasured 1 gallon (3.78L) container
42.7lbs (19.39kg) / 5Gal (18.93L) of product in a premeasured 5 gallon (18.93L) container

Environmental Conditions

Apply between 50°F-80°F (10°C-27°C) and 5°F above dew point. Avoid using in direct sunlight. Do not apply on rainy or foggy days.

Storage Conditions

Store between 50°F-100°F (10°C-32°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 eyewear, 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, 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.

Contact EPMAR for any additional application information



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