



Concrete
Coatings &
Floor Systems

TECHNICAL BULLETIN
Kemiko® Color Enhancing
Acrylic Concrete Sealer (39C-1)

Description

Kemiko Color Enhancing Acrylic Concrete Sealer (39C-1) is a low solids, single component, deep penetrating sealer. This product is a user-friendly, non-yellowing, UV-resistant, durable, clear, high gloss film that will protect against efflorescence and weathering exposure to sun, salt and rain. This color enhancing sealer provides a protective, easy-to-clean and wet-look concrete surface, that still allows the concrete to breathe.

Applications

This product is well suited for interior or exterior applications that require a high gloss floor appearance, while still maintaining the texture of the underlying material. Typical commercial and residential applications are: concrete floors (including stenciled, stamped and acid stained), concrete pavers, concrete overlays, driveways, sidewalks, patios, garage floors, terrazzo and porous stone.

Physical Characteristics

Packaging	Five (5) Gallon container
Colors Available	Clear, High Gloss Only
Solids Content	>25% Weight Solids
VOC Content	<600 g/l (Theoretical)
Specific Gravity	0.89 (Theoretical)
Gloss	@60°, >100 Gloss Units (ASTM 3359)
Hardness	3H (ASTM D3363)
Adhesion	Tape Test Result: 5B 0% area removed (ASTM 3359)
Film Thickness	3-5 mils wet
Coverage per Kit	5 Gallon: 1500ft 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: 30-45 min Light Foot Traffic: 4-5 hours Heavy Traffic: 20-24 hours Full Chemical/Physical Resistance Cure: 3-5 days Recoat Window: within 5 hours after product reaches Dry to Touch state <i>Note: Product tested @70°F (21°C), 30% RH. Dry and recoat times will depend on temperature, humidity and other conditions relative to environment.</i>
Odor	Mild, Ester-like
Hot Tire Pickup	This product is hot tire resistant
Primers	None required
Thinning	Do not thin
Clean Up	Clean tools with acetone, denatured alcohol or MEK
Shelf Life	12 months from date of manufacture



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Packaging Description

Weight per Kit:

37.00lbs (16.78kg)

Kemiko Color Enhancing Acrylic Concrete Sealer (39C-1) contains:

37.00lbs (16.78kg) / 5Gal (18.93L) of product in a premeasured 5 gallon (18.93L) container

Clean Up

Use warm water and mild soap to clean hands and skin. Use acetone, denatured alcohol or MEK to clean tools.

Environment

Apply between 50°F-80°F (10°C-27°C) and 5°F (3°C) above dew point. Avoid using in direct sunlight. Do not apply on rainy or foggy days.

Storage

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. Contents are flammable. Ensure no sources of ignition are in proximity to the product prior to or during application. Turn off any pilot lights, water heaters or any other auto-ignition sources in the area. Do not smoke around the product while applying or while it is drying. Ensure work spaces are well ventilated.

During application, use proper protective equipment including, but not limited to: protective eye wear, protective gloves and proper respirator. 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 EPMAR for any additional application information



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