



Concrete Coatings & Floor systems

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

Description

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

Applications

Kemiko® Color Enhancing Acrylic Sealer (39C-1) 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) terrazzo, driveways, sidewalks, patios, garage floors, concrete pavers, concrete overlays, and porous stone.

Surface Preparation

Concrete

Surface must be cured, dry and free from stains and laitance. All visible oil, grease or any other contaminants must be removed prior to application of coating. Surface preparation includes using concrete grinding and shot blasting to achieve a surface profile of CSP 3. The concrete should have a slight texture for the coating to achieve proper penetration and adhesion. Clean surface and ensure that all dust, debris, and contaminants have been removed. Check concrete preparation by applying water over a small area of the concrete surface (especially in areas that had oil and grease stains). If water beads on the surface, additional surface preparation is needed. If concrete darkens with no water beading on the surface, then the surface is ready to be coated. It is advisable to test a small area with sealer before starting the job to ensure that the substrate is compatible with this sealer choice.

Existing Coatings

Surface must be cured, dry and free from stains and laitance. All visible oil, grease or any other contaminants must be removed prior to application of coating. For best adhesion, the existing coating must be scuffed with a nonwoven abrasive pad, floor buffer with abrasive screen, or orbital sander with sandpaper (80-120 grit) to achieve a rough surface profile. Clean area and wipe existing coating with a rag and acetone to ensure that all oil, grease, or any other contaminants have been successfully removed. If existing coating is not a Kemiko® product, consult with a Kemiko® representative prior to application.

Warning: Wear a NIOSH approved respirator to control toxin exposure. Scraping, sanding or removing old paint may release toxic lead dust. Exposure may lead to serious illness, such as brain damage, especially in children. Pregnant women should avoid exposure. Clean up carefully with a HEPA vacuum and a wet mop.

Mixing Instructions

Shake well prior to use. No additional mixing instructions are required.

Application Methods

Great care should be taken when using this product. Contents are flammable. Ensure no sources of ignition are in proximity to the product prior to 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. This product can be applied using several different methods outlined below. Tape off any area that does not require a coating. Ensure proper ventilation prior to application of product. Apply 1-2 even coats at the recommended wet film thickness, allowing up to 5 hours after dry to touch state has been reached between coats. Do not let material puddle. Do not thin material.



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- **Brush** - Use high quality bristle brush for best film properties
- **Roller** - Use microfiber or similar cover with phenolic core, ¼" nap. De-lint rollers prior to use
- **Spray** - Use low pressure conventional pump-up sprayer with cone tip or airless sprayer

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 Acetone, denatured alcohol, or MEK 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. Contents are flammable. Ensure no sources of ignition are in proximity to the product prior to 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. 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 Technical Bulletin for technical information. Refer to product label and SDS carefully for more detailed safety information prior to use or handling.

Disclaimer

Information provided in this application 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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