



## Concrete Coatings & Floor systems

## APPLICATION BULLETIN Kemiko® Water Base Polyurethane Topcoat Flat Clear (SS2400F)

### Description

Kemiko® Water Base Polyurethane Topcoat Flat Clear (Kemiko® SS2400F) is a two component, water base polyurethane coating that exhibits excellent adhesion, UV resistance, abrasion resistance, chemical resistance and hot tire resistance. Along with the inherent UV resistance of a water base urethane, our Kemiko® SS2400F also has a UV package that extends the life of the epoxy coatings underneath. It is a fast-curing, low odor and low VOC polyurethane which is intended for use as a decorative or industrial topcoat in both interior and exterior applications.

### Applications

Kemiko® SS2400F can be applied to properly prepared and prime-coated concrete for use on warehouse and showroom floors, airport maintenance facilities, parking decks, garage floors, exterior concrete and many other concrete floors which require a resilient, chemical resistant, protective coating. This product may be applied by brush or roller.

### Surface Preparation

#### Concrete

This product is not intended for application directly over bare or porous concrete.

#### 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

Using a mechanical jiffy-type mixer, blend SS2400F Part B Resin component at slow speed (500-1000rpm) for 1-2 minutes until a homogenous mixture is achieved. Transfer Part B Resin contents into a separate, suitable container that allows for sufficient mixing without overflowing. Next, pour SS2400F Part A Hardener component into the previously mixed Part B component. Ensure that all contents have been transferred from both components into the suitable container. Mix on slow to medium speed (500-1000rpm) for 1-2 minutes. Avoid fast, aggressive mixing as that may entrap air bubbles into the system. Scrape sides of container and then mix for an additional 1-2 minutes, ensuring material is thoroughly blended.

### Mixing Tips

- Do not mix product by hand; only use a mechanical mixer. Hand mixing does not properly incorporate the components.
- For best results, prior to mixing, have material as close as possible to an ambient temperature of 77°F (25°C).



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### Application Methods

This product can be applied using one of the methods outlined below. Tape off any area that does not require coating. Pour contents into a roller tray to dip and roll the material or pour contents in "ribbons" or "strips" across surface to be coated. Spread material out with a brush or roller to the recommended wet film thickness. Do not thin material.

- **Brush** - Use high quality bristle brush for best film properties
- **Roller** - Use lambswool or similar cover with phenolic core, 1/4" (6.35mm) nap. De-lint roller prior to use
- **Spray** - This material is not intended for spray applications

### Environmental Conditions

For best results, apply when surface temperature is 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.

### 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 protective eye wear, proper respirator, and protective gloves. Ensure work spaces are well ventilated. Read product label and SDS carefully for more detailed safety information prior to handling or use.

### Disclaimer

*Information provided in this application bulletin is based on laboratory testing under controlled ambient conditions and is used as a guideline only.*

### 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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