



**Concrete  
Coatings &  
Floor systems**

**TECHNICAL BULLETIN**  
**Kemiko® Water Base**  
**Quick Dry Epoxy**  
**(SS3700 Series)**

**Description**

Kemiko® Water Base Quick Dry Epoxy (SS3700) is an easy to use two component water based epoxy coating that comes in clear gloss and pigmented versions. Product benefits include a long pot life, low odor which is ideal for interior applications that may have limited air flow. Kemiko® SS3700 clear and pigmented versions can be used as a thin film primer for superior adhesion to properly prepared porous concrete surfaces. Kemiko® SS3700 clear can also be used as an initial sealer over Stone Tone™ stained concrete.

**Applications**

Kemiko® SS3700 can be applied to properly prepared cementitious substrates. Typical applications include (as a prime coat) hospital floors, petrochemical and chemical secondary containment, warehouse flooring, showroom floors, and many other surfaces. This product is not intended as a final topcoat for direct UV exposure.

**Physical Characteristics**

<b>Kit Size</b>	Small (0.9Gal) and Large (4.7Gal) kits available
<b>Colors Available</b>	Clear and colors available
<b>Volume Solids</b>	39-42% (theoretical) Varies by color
<b>VOC Contents</b>	200-250 g/L (theoretical) Varies by color
<b>Mixed Specific Gravity</b>	1.04-1.06 (theoretical) Varies by color
<b>Adhesion</b>	>350 PSI, Concrete failure (ASTM D4541)
<b>Gloss</b>	High Gloss, >80 Gloss Units at 60° (ASTM D523)
<b>Hardness</b>	3H (ASTM D3363)
<b>Abrasion Resistance</b>	48.0 mg loss, CS-17 wheel, 1000g, 1000 cycles (ASTM D4060)

**Application Characteristics**

<b>Mix Ratio By Volume</b>	4:1 (A:B) Clear Gloss, 2:1 (A:B) Colors (approximate)
<b>Pot Life</b>	60 minutes (small 0.9 gallon kit)
<b>Film Thickness</b>	60 minutes (large 4.7 gallon kit)
<b>Coverage Per Kit</b>	5-7 mils (0.13-0.18mm) wet film thickness (WFT) 0.9 Gal: 200 - 280ft <sup>2</sup> (18.6 - 26.0m <sup>2</sup> ) @ 5-7 mils (0.13-0.18mm) WFT
<b>Dry/Recoat Time</b>	4.7 Gal: 1075 - 1500ft <sup>2</sup> (99.9 - 139.0m <sup>2</sup> ) @ 5-7 mils (0.13-0.18mm) WFT Note: Coverage rates will vary depending on surface texture and porosity Dry to Touch: 4-5 hours Light Foot Traffic: 8-12 hours Heavy Traffic: 24-36 hours Full Chemical & Physical Resistance Cure: 5-7 days Recoat Window: Within 24 hours after product reaches Dry to Touch Time
<b>Intermediate Coats</b>	Kemiko® SS1202, SS1500, SS2400, SS3500, and SS3900
<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 manufacturing date

**Note:** Testing was performed at 77°F (25°C) and 50% RH. Product characteristics will vary depending on temperature, humidity and other conditions relative to the environment.



## Concrete Coatings & Floor systems

## TECHNICAL BULLETIN Kemiko® Water Base Quick Dry Epoxy (SS3700 Series)

### Packaging Description

#### Weight per Kit:

Small kit: 8.4 lbs (3.81 kg)

Large kit: 41.9 lbs (19.0 kg)

#### Kemiko® SS3700 Clear Part A Resin SA3700 contains:

6.75 lbs (3.06 kg) / 0.76Gal (2.88 L) of product in a 1 gallon (3.78 L) container **(small kit)**

33.75 lbs (15.31 kg) / 3.78Gal (14.31 L) of product in a 5 gallon (18.93 L) container **(large kit)**

#### Kemiko® SS3700 Clear Part B Hardener SB3700 contains:

1.62 lbs (0.74 kg) / 0.19Gal (0.72 L) of product in a 1 quart (0.95 L) container **(small kit)**

8.10 lbs (3.67 kg) / 0.94Gal (3.56 L) of product in a 1 gallon (3.79 L) container **(large kit)**

#### Weight per Kit: SS3700 Pigmented Series:

Small kit: 10.04 lbs (4.55 kg)

Large kit: 50.2 lbs (22.8 kg)

#### Kemiko® SS3700 Pigmented Series Part A Resin SA3700C contains:

5.70 lbs (2.59 kg) / 0.64Gal (2.42 L) of product in a 1 gallon (3.78 L) container **(small kit)**

28.50 lbs (12.93 kg) / 3.18Gal (12.04 L) of product in a 5 gallon (18.93 L) container **(large kit)**

#### Kemiko® SS3700 Pigmented Series Part B Hardener SB3700 contains:

4.34 lbs (1.97 kg) / 0.31Gal (1.17 L) of product in a 1 gallon (3.78 L) container **(small kit)**

21.70 lbs (9.84 kg) / 1.57Gal (5.94 L) of product in a 2 gallon (7.57 L) container **(large kit)**

### 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 technical 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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