



**Concrete
Coatings &
Floor Systems**

TECHNICAL BULLETIN
**Kemiko® 100% Solids Self-Leveling
Epoxy Clear Fast Cure
(SS1202FF)**

Description

Kemiko 100% Solids Self-Leveling Epoxy Clear Fast Cure (SS1202FF) is a two component, abrasion-resistant epoxy coating that offers excellent adhesion to steel and concrete. Benefits of the product include being user friendly, 0 VOC, self-leveling, minimal odor and cures to a very hard, resilient high-gloss film. This product can be applied as a finish coat on most interior surfaces. Kemiko SS1202 is non-blushing in high humidity and cures overnight.

Applications

Kemiko SS1202FF can be applied to properly prepared Kemiko primers and color coats. Typical applications include hospital and food processing floors, petrochemical and chemical secondary containment, warehouse flooring, showroom floors, concrete countertops and many other surfaces that require excellent physical and chemical properties. This product is not intended for UV exposed areas. *Please refer to Kemiko 100% Solids Self-Leveling Epoxy Clear (SS1202 UVR) if UV protection is desired.*

Physical Characteristics

Kit Size	1.75Gal and 5.04Gal kits available
Colors Available	Clear
Volume Solids	100%
VOC	0 g/L (theoretical) Compliant to SCAQMD Rule 1113
Mix Ratio	2:1 Approximate (A:B) by volume
Mixed Specific Gravity	1.09 (theoretical)
Pot Life	20 mins at 70°F, 30% RH (1.75Gal kit)
Gloss	@ 60°, High Gloss, >85 Gloss Units (ASTM D523)
Abrasion Resistance	69.8mg loss. CS-17, 1000g weight, 1000 cycles (ASTM D4060)
Hardness	Shore D >80 (ASTM D2240)
Adhesion	>350 PSI (concrete failure) (ASTM D4541)
Film Thickness	6-100 mils wet film thickness (WFT)
Coverage per Kit	1.75Gal: 350ft ² -450ft ² (32.5m ² -41.8m ²) @ 6-8 mils wet film thickness 5.04Gal: 1000ft ² -1350ft ² (92.9m ² -125.4m ²) @ 6-8 mils wet film thickness Note: Coverage rates will vary depending on surface texture and porosity
Dry/Recoat Time	Dry to Touch: 6-8 hours Light Foot Traffic: 14-20 hours Heavy Traffic: 30-36 hours Full Chemical and Physical Resistance Cure: 5-7 days Recoat Window: Within 24 hours after product reaches Dry to Touch state Note: Product tested at 70°F and 30% RH. <i>Dry and recoat times will depend on temperature, humidity and other conditions relative to the environment.</i>
Primers	Kemiko SS1120, SS1600, SS3400, SS3500 and SS3700
Thinning	Do not thin product
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:

1.75Gal Kit: 16.0lbs (7.26kg)

5.04Gal Kit: 46.16lbs (20.93kg)

Kemiko SS1202FF Part A Resin SA1202FF contains:

1.75Gal Kit: 11.10lbs (5.03kg)/1.17Gal (4.45L) of product in a premeasured 2 Gallon (7.57L) container

5.04Gal Kit: 32.25lbs (14.63kg)/3.41Gal (12.92L) of product in a premeasured 6 Gallon (22.71L) container

Kemiko SS1202FF Part B Hardener SB1202FF contains:

1.75Gal Kit: 4.90lbs (2.22kg)/.58Gal (2.20L) of product in a premeasured 1 Gallon (3.78L) container

5.04Gal Kit: 13.90lbs (6.30kg)/1.63Gal (6.16L) of product in a premeasured 2 Gallon (7.57L) container

Environment

Apply between 50°F-100°F (10°C-32°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. 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 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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