



**Kemiko SS1202 100% SOLIDS
EPOXY
SELF LEVELING CLEAR FLOOR
COATING**

Description

Kemiko SS1202 is a top quality abrasion resistant amine cured clear epoxy coating that offers 0-VOC, has excellent adhesion, is designed to be used with selected aggregate, is user friendly, and cures to a resilient high-gloss film. Kemiko SS1202 has over 15-years successful case history and can be applied as a primer finish on most interior cement floor surfaces. Kemiko SS 1202 is USDA acceptable in food processing facilities, cures overnight and is available in four separate cure speeds.

Applications

Kemiko SS1202 is applied to properly prepared concrete floors subject to continuous abrasion service, showroom floors, architectural applications, warehouse floors, food and chemical processing facilities, hospitals, gymnasiums and many other applications that require a highly reflective resilient floor finish. The low viscosity mixture allows easy aggregate filling for slurry applications or aggregate broadcast systems for increased compressive strength and high impact service.

Performance

VOC – 0 g/l *Meets Final SCAQMD Rule 1113 (2008)*

Tensile Strength – 8,700 psi *ASTM C-307 (epoxy component)*

Adhesion – Excellent >1,000 lbs.psi *ASTM D-4541*

Chemical Resistance – Splash, Spillage & 72-Hour Containment of Aromatic Hydrocarbons, Ketones, Dilute Organic Acids, Alkalis.

Tensile Elongation – 3.1% *(epoxy component)*

Ultimate Flexural Strength – 16,100 psi *(epoxy component)*

Compressive Strength – 13,800 psi *ASTM C-579 (epoxy component)*

Hardness Shore D – 88 *(epoxy component)*

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Physical Characteristics

Volume Solids:	100%
Weight Per Gallon:	11.0 lbs.
Packaging:	1.75 gallon kit and 5.03 gallon kit
FlashPoint:	>200°F.
Gloss:	High Gloss
Mix Ratio:	2:1 (A:B) by volume.
Dry Time:	@70°F. 50% RH – Recoat in 8-16 hours. Dry for walking traffic is 12-24 hours depending on selected cure rate. Full cure in 3-days.
Recoat Intervals:	50°F – min. 16-hours, max. 72-hours. 70°F – min. 8-hours, max. 24-hours. 90°F – min. 4-hours, max. 12-hours.
Film Thickness:	8-100 mils (double coats with or without aggregate)
Thinning:	None required. Acetone or PCBTF for clean up.
Primers:	Self priming or use Kemiko SS1600, Kemiko SS3700
Colors:	Clear Only
Pot Life:	25-minutes to 2-hours at 70°F depending on cure selection.

Surface Preparation

Concrete – All visible oil, grease, sludge, and any other contaminants shall be removed prior to any abrasive surface preparation, acid etching and water washing. Surface shall be cured, dry and free from alkali stain and laitance. Prepare surfaces in accordance with SSPC-SP7 Brush-Off Blast Cleaning or use Blas-Trac for long term adhesion and non-slip surface on floors.

Metals – All visible oil, grease, sludge, and any other contaminants shall be removed prior to any abrasive surface preparation. Prepare carbon steel in accordance with SSPC-SP6 and achieve 1-2 mil surface profile. Small surfaces may be prepared in accordance with SSPC-SP2 and SSPC-SP3 followed by SSPC-SP1.

Application Methods

MIXING – Mix base component until a homogeneous mixture is obtained. Next, pour activator into base component and mix using mechanical jiffy mixer for 2-3 minutes. Make sure all material is thoroughly mixed. Pouring mixed material into a clean container and re-mixing insures complete reaction of 100% solids epoxy. Once the epoxy component is mixed, add the aggregate portion immediately and pour onto floor as soon as possible for slurry application.

Brush – Use top-quality china bristle brush for best film properties.

Roller – Lambswool or similar cover with phenolic core, ¼ - ½ inch nap thickness.

Spray – Airless Spray – Use Graco 40:1 airless equipment or equal designed for spraying high solids coatings. Use Binks ‘Airless 1’ spray gun with reverse-a-clean .019-.021 spray tips, 3/8” or larger solvent resistant fluid line with ¼” or larger air supply line. Adjust pump pressure to the lowest possible setting that allows proper atomization.

Screed – Use power trowel method to effectively spread mixed epoxy/aggregate and spread to a thickness of @1/16” thickness. Use a porcupine or spiked roller to feather new slurry into previous laid slurry.

Environment – Apply between 50°F – 100°F and 5°F above dewpoint.

Contact Kemiko NW for any additional application information.

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, which 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.