



Concrete Coatings & Floor systems

TECHNICAL BULLETIN Kemiko® Stone Tone™ Sealer II (46 Series)

Description

Kemiko® Stone Tone™ Sealer II (46 series) is a low viscosity, low odor, single component, acrylic water-based sealer that can be used to product bare concrete, Stone Tone™ acid stained concrete, and Rembrandt™ Polymer stained concrete without giving a wet-look. This user friendly easy-to-apply coating is designed to be a waterproofing sealer for horizontal and vertical cementitious substrates such as concrete and masonry. Benefits include low VOC, chemical resistance, stain resistance, and UV resistance. Kemiko® Stone Tone™ Sealer II is available in clear gloss or flat finish variations, and is an excellent replacement product for high VOC lacquers, acrylics, and varnishes.

Applications

Kemiko® Stone Tone™ Sealer II can be applied over properly prepared concrete, Kemiko® Stone Tone™ Stains, and Rembrandt™ Polymer Stains as a resilient protective finish coat. Typical applications include commercial and residential cement floors, hospitals, showroom floors, schools, shopping malls, patios, walkways and many other interior/exterior floor surfaces requiring additional protection.

Physical Characteristics

Kit Size	1 gallon, and 5 gallon kits available
Colors Available	Clear High Gloss and Satin Finish
Volume Solids	<25% volume solids
VOC Contents	<100 g/L (Theoretical) Compliant to SCAQMD Rule 1113
Specific Gravity	1.01 (theoretical)
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Gloss @ 60°	Gloss >90 Gloss Units; Flat <70 Gloss Units (ASTM D523)
Hardness	F (ASTM D3363)
Adhesion	Tape Test Result: 3B (ASTM 3359)
Film Thickness	3-4 mils wet
Coverage Per Kit	1gal- 400ft ² - 500ft ² (27.9m ² - 46.5m ²) at recommended wet film thickness 5gal- 2000ft ² - 2500ft ² (139.3m ² - 232.3m ²) at recommended wet film thickness Note: Coverage rates will vary depending on surface texture and porosity
Dry/Recoat Time	Dry to Touch: 2-3 hours Light Foot Traffic: 8-10 hours Heavy Traffic: 20-24 hours Full Chemical & Physical Resistance Cure: 3-5 days Recoat Window: Within 3 hours after product reaches Dry to Touch state Note: Product tested at 70°F and 30% RH. Dry and recoat times will depend on temperature, humidity and other conditions relative to the environment.
Odor	Low odor
Primers	No primer required
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:

1Gal: 8.44lbs (3.83kg)

5Gal: 42.20lbs (19.14kg)

Kemiko® Stone Tone™ Sealer Gloss 46C-1 contains:

8.44lbs (3.83kg) / 1Gal (3.78L) of product in a premeasured 1 gallon (3.78L) container

42.20lbs (19.14kg) / 5Gal (18.93L) of product in a premeasured 5 gallon (18.93L) container

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.

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 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 us for any additional application information.

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