



LIFE™

Product Specifications



"25" Series 2-1 Epoxy Concrete Coating

Description: A high gloss premium quality 2 part water base epoxy coating that provides epoxy toughness, chemical resistance and durability with the convenience of a water base system and long pot life.

Recommended Surfaces: For interior use only unless protected by another product with a UV inhibitor such as our aliphatic urethane. Uses include industrial floors in factories, restaurant kitchens, schools, hospitals, food processing, garage floors, dairies and warehouses. When thinned, this product works well as a primer under most other systems.

- ✓Interior Concrete Floors
- ✓Garages
- ✓Warehouses
- ✓Restaurants
- ✓Industrial Floors
- ✓Showrooms
- ✓Kitchens

Advantages

- ✓Easy water clean-up
- ✓Fast drying
- ✓Excellent chemical and solvent resistance
- ✓Long pot life
- ✓Epoxy toughness

Finish: High Gloss

Package: Mix thoroughly 2 Parts "A" with 1 Part "B". Part "A" or Part "B" will not dry or cure if used alone.

Colors:

- 00 White
- 41 Cape Cod Gray
- 95 Deep Base
- 27 Deep Tan
- 90 Tint Base
- 98 Accent Base

Inspection: Surface must be structurally sound, dry and free of oil, grease, curing agents, dirt, dust or other foreign material that may prevent proper adhesion. Surface must be porous and profiled.

Surface Preparation: Prepare surface by sanding, grinding, water and or sandblasting or bead blasting to achieve a clean, porous and uniform surface that will allow product to soak in and bond permanently. Muriatic Acid (blended 1:4 with water) may be used to etch concrete and will require baking soda or soda ash to neutralize. (Please use caution



when working with acid. Read and follow all warnings and instructions on label). Clean surface entirely with TSP and rinse completely with water several times. Remove mildew or algae using 50/50 blend of household bleach and water. (Do not allow bleach to come into contact with acid). Read bleach instructions and warnings carefully before using. Rinse thoroughly. The surface must be porous enough to allow the product to soak in. Surface should feel like 30 grit sand paper.

Primer requirements: The first coat or primer coat should be thinned with water to insure maximum penetration into surface. Mix two parts A with one part B and combine for 2 minutes, then add water equal to the amount of Part A and mix for 3 more minutes. Combine using an agitator, jiffy mixer or stir stick. The primer is ready to be applied by brush or roller. Coverage should be approximately 500 sq. ft. per gallon.

Coverage: As a primer: Up to 500 sq. ft. per gallon when thinned with water. As a coating: 250-350 sq. ft. per gallon. Read complete instructions for more details.

Mixing: Mixing - Top Coat: In a clean and dry bucket thoroughly mix two parts A and one part B together. Combine using an agitator, jiffy mixer or stir stick. Mix for at least 2 minutes or until completely combined. Only prepare the amount you can use in 4 hours or less.

Application: Use a 1/4 inch nap mohair or shed-free roller for the main area. Begin by cutting in the edges and trim with a brush. The center may be done like you would normally paint a surface, being sure to overlap and back roll each area carefully. For best results apply at least 2 thin coats at 250 sq. ft. per gallon. (Allow first coat to dry before applying second coat).

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Anti-Skid Additive: 8 oz to 16 oz of anti-skid additive may be added per gallon. (See anti-skid specifications for more details).

Thinning: For use as a top/finish coat a small amount of water may be added for ease of application.

Drying Time:

1. At normal conditions (77°Fahrenheit & 50% Humidity) to touch in 2 hours.
2. You may re-coat in approximately 6 hours.
3. Should not be applied to surfaces having temperatures below 55°F.
4. Light foot traffic in 6 hours, normal foot traffic in 24 hours, vehicle traffic in 96 hours.

Clean-up: Uncured material can be removed with soap and water. Cured material can only be removed mechanically.

Mildew: DO NOT PAINT OVER MILDEW. Mildew is a fungus, brown, black, grey or even white in color, and will rapidly grow through any coating applied over it. A solution of 50% household bleach and 50% water will kill the mildew. See precautions on bleach label for handling before using.

Metal

Sandblast cleaning is the most reliable method of preparing metal surfaces. Acid cleaning, hand scrapping or other means must be substituted. Galvanized steel, aluminum, and copper must be free of protective oils and other surface contaminants. The first coat should be applied as a "wet" thin film for maximum adhesion.

White Gloss Enamel Properties

Pot Life, hr	4
Gloss, 60° spec, ⁵ 1 day	>90
Gloss, 60° spec, ⁴ 4 day	>90
Mix Ratio	2:1
Mixed Viscosity	82-90 Krebs Units
Tack Free Time, ⁶ hr	40 min
Hard Dry Time, ⁶ hr	6-8

**Technical Information
for the A & B Mixture**

Type:	Two component water base epoxy	Viscosity:	80-90 KREBS units
Diluent:	Water	Flash Point:	> 150°F
Solids Content:	by weight 53-57%	Maximum V.O.C.:	100 grams per liter
	by volume 51-55%		

This product contains chemicals known to the State of California to cause cancer, birth defects and reproductive harm. The maximum V.O.C. of this product does not exceed 100 grams/liter. WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. Contact the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.