



## Technical Data Information

Water Base Epoxy

A-6000

### Description

A-6,000 is a cutting edge Water Base epoxy designed for superior adhesion, toughness, and long term durability. A-6000 is a 2 part epoxy that was designed to have a long pot life, ease application and spread ability.

### Recommended Surfaces:

For interior use only unless protected by another products With our UV inhibitors, recommended top coat is A-1475 color chemical resistance urethane. When thinned A-6000 can be used as a primer for most systems.

### Uses:

Interior Concrete Floors  
Industrial Floors  
Garages  
Showrooms  
Warehouses  
Kitchens  
Restaurants

### Advantages

Easy water clean-up  
Long pot life  
Fast drying  
Epoxy toughness  
Excellent chemical and solvent resistance  
No smell  
Easy application

**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:

Tan  
Gray  
Other colors upon request.

### 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. A-250 acid etching gel may all so 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)

### 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 B 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 700 sq. ft. per 1 ½ gallon kit.

### Coverage:

As a primer: Up to 700 sq. ft. per 1 ½ gallon kit when thinned with water. As a coating: 350 to 400 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 350 sq. ft. per 1 ½ gal kit (Allow first coat to dry before applying second coat).

### 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, and 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 contaminates. 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, <sup>5</sup> 1 day	>90
Gloss, 60° spec, <sup>4</sup> 4 day	>90
Mix Ratio	2:1
Mixed Viscosity	82-90 Krebs Units
Tack Free Time, <sup>6</sup> hr	40 min
Hard Dry Time, <sup>6</sup> hr	6-8

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

**Type:** Two component water base epoxy  
**Diluent:** Water  
**Solids Content:** by weight 53-57%  
 By volume 51-55%  
**Viscosity:** 80-90 KREBS Units  
**Flash Point:** >150°F  
**Maximum VOC:** 100 grams per liter

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.

**Product Warranty/Liability Disclaimer**

Since no control is exercised over product use, AMERICRETE represents and warrants ONLY that the products are of consistent quality within manufacturing tolerances for a period of ONE year.

**NOTE:** if Americrete sealers are not used to seal the surface then there is NO WARRENTY implied. Americrete sealers must be applied to the substrate for Americrete to warranty material.

All sales are final. NO other oral or written representation or statement of any kind, expressed or implied, now or hereafter is authorized or warranted by AMERICRETE. including those of marketability or fitness for a particular purpose. Liability for breach of contract, negligence or on any other legal basis is limited to the lesser cost of refund or replacement of material proven to be defective. AMERICRETE, will not be liable for special, incidental or consequential damages, including for delays or lost profits. There is no warranty for product installations, color variations, product delamination or cracks in the surface due to the substrate cracking. The end user shall determine the suitability of the products for the intended use and assumes all risks and liability in connection therewith.

**NOTE:** If litigation arises the party filing the complaint or law suit will be responsible for all attorney fees and court costs incurred by

AMERICRETE, and all other costs related to the investigation of the law suit and/or complaint.

This warranty is effective August 1, 2007, and supersedes any and all previous warranties, written or verbally communicated Note: Americrete products are to be applied only when surface temperatures are at 55 degrees or higher. Do not apply when rain or other precipitation is expected within 24 hours.

A five year warranty is available only if requested and Must be written signed and "notarized" by an Americrete officer.