



Technical Data Information

A-6200

**High Solids
Water Base Epoxy**

Description:

A-6200 is a premium quality 2-part water base epoxy. 4 to 1 mixture, slow in drying that provides toughness, chemical resistance and durability with the convenience of a water base system.

Recommended Surfaces: For interior concrete floors only.

Advantages:

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

Finish: Gloss

Package Size: 4 to 1 Kit

1.25 Gallon Kit= 1 Gallon Part A & 1 Quart Part B

Colors:

- A-6200-1 Gray
- A-6200-7 Tan
- Custom colors available

Inspection:

Surface must be structurally sound, dry, and free of oil, grease, curing agents, dirt, dust or other foreign matter. Surface must be roughed up or porous. This product is designed for use over untreated concrete surfaces free from wax, dusting preventive sealers, deep penetrating sealers, bond breaking compounds and release agents and other similar chemicals that will interfere with proper adhesion and lead to premature coating failures.

Surface Preparation:

Prepare surface by sanding, grinding, dry or wet sandblasting or shot blasting to achieve a clean, porous and uniform surface that will allow the product to penetrate the surface. Bead or shot blasting is the most reliable method of preparation. Clean surface entirely with TSP and rinse completely with water several times. Concrete surface can be acid etched and then must be neutralized and rinsed. Acid etching does not clean the surface.

Priming Requirements: Blend approximately 1/2 gallon of water with 1 gallon of A-6200 part (A). Then add 1 quart of part (B) to the part A mix together for two minutes and apply as thin as possible, approximately 600-800 sq. ft. per batch.

Mixing:

Top Coat: In a clean and dry bucket, mix 4 parts A and 1 part B together using an agitator, jiffy mixer or stir stick. Mix slowly for at least 2 minutes or until completely combined. **Prepare only the amount you can use in 90 minutes in quantities of no more than 1.25 gallons at a time.** Do not leave the mixed epoxy in the bucket longer than 45 minutes. Pot life is approximately 90 minutes.

Application:

For best results on horizontal surfaces, **pour the entire mixture evenly onto the surface as soon as possible after mixing.** Use a 3/8" nap roller or squeegee to spread mixture over the surface, back rolling the area to be coated. For best results apply at least 2 coats at 250 sq. ft. per gallon. Clean tools with soap and water before curing begins. To increase skid resistance, stir in an approved non-skid additive into your A & B mixture.

Concrete Surface Preparation:

Concrete surfaces should be clean, dry, and free of disintegrating chalky material or previously applied coatings to insure satisfactory results. To increase adhesion, dense or machine trowelled concrete surfaces should be prepared mechanically as described in surface preparation or etched with A-250 Acid etching gel. The surface profile should resemble 80 grit sandpaper to be suitable for coating. Neutralize the surface by applying a mixture of 1 lb. baking soda mixed into 1 gal of water and rinse thoroughly. Clean all surfaces with T.S.P. and rinse with clean water.

Coverage:

Three (3) mil dry film at 250 sq. ft. per gallon. Six (6) mil dry film at 125 sq.ft. per gallon.

Thinning:

When using this product as a top coat, thin part A slightly with water if necessary. To thin add up to 1 quart of water to part "A", blending slowly and then add part "B" to part "A" or part

"A" "water thinned" mixture and blend slowly and thoroughly. (Adding water to part "A" will lower the solids and may reduce the gloss slightly).

Drying Time/Cure Times:

Under normal Conditions (70°F & 50% Humidity) dries to touch in 2-4 hours. May be recoated when dry to the touch. Do not apply to surfaces when ambient or surface temperatures are below 50°F.

Higher temperatures and lower humidity will accelerate cure times and reduce working time.

Application in extremely hot weather:

1. Dampen the floor surface to be coated. (Do not saturate)
2. In a large bucket, mix and prepare no more than a 1.25 gallon kit at time.
3. Pour entire mixture evenly onto the horizontal surface to be coated.
4. To enhance workability, add 1 quart water to part "A", blending slowly. Then add part "B". Follow mixing directions. (Adding water to part "A" will lower the solids and may reduce the gloss slightly.)

Clean-up:

Soap and water. (Before curing begins)

CAUTION:

WARNING! SLIP AND FALL PRECAUTIONS

As these products reduce surface porosity, floor slipperiness is a potential hazard. CAUTION! COMBUSTIBLE! KEEP OUT OF THE REACH OF CHILDREN, wear protective clothes, gloves, and goggles when mixing or applying this product.

Technical Information

Type: 2 component water borne epoxy

Pot Life: 1.25 gallon kit: 30 minutes at 77°F.

Diluent: Water (Add to Part "A" only)

Flash Point: 140°F

Mixture Solid Content: 56% by weight

Max V.O.C.: 95 grams per liter

Viscosity: 95 5 KREBS units at 77°F

Pencil Hardness: 2H

Gloss White Stain Resistance

Salt Water Discoloration after 12 weeks

10% NaOH No attack

10% H2SO4 Blistering after 10 weeks

Xylene No attack

This product contains chemicals known to the State of California to cause cancer, birth defects and reproductive harm. 150 grams/liter is the maximum V.O.C. of Part A, 100 grams/liter is the maximum V.O.C. of the "A" and "B" Mixture of this product
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 WARRANTY 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.