



Product Information

Americrete A-10,000 SPECIFICATION

Architectural Coating and Staining System

Description

This specification includes resurfacing methods used when applying a decorative wearing surface over concrete. This unique system is designed to change ordinary concrete into aesthetically pleasing surfaces with colors and textures. For use on interior or exterior patios, sidewalks, driveways, pool decks, stairs, casinos, hotels, restaurants, shopping malls, private residences and businesses.

Surface Preparation

New Floors

Any new concrete shall be allowed to cure for 28 days. If using Americrete Concrete Prep & Seal A-200 as the curing agent – a minimum of 20 days must be allowed before coating. Pressure-wash the surface with a 3000 P.S.I. pressure washer in order to remove any residue or alkali build up prior to the application of Americrete's products.

Caution

It is imperative that the structure that is to be repaired be structurally sound. Deteriorated, cracked or spalled concrete should be repaired. Americrete recommends that all structural concrete substrates be tested for structural integrity and chemical contamination prior to application of any surfacing materials.

Surface Preparation of Existing Coated Floors

Remove all existing coatings, sealers, curing agents and other foreign materials by shot blast or grinding equipment in order to reveal porous concrete. Concrete must be porous. Hard trowel surfaces can be treated with A-250 Acid Etching Gel.

Surface Cleaning

Clean and etch the floor with A-100 Degreaser to remove dirt, grease and oil from the surface. Apply with a stiff broom and agitate on concrete. Let set for 30 minutes then rinse with water.

Surface Stabilization

Chalking, weak or freeze-thaw damaged concrete must be treated to increase concrete strength and reduce vapor transmission. The top surface should be removed and then treated with two coats of A-200 Concrete Prep and Seal or two coats of A-2250 Concrete Penetrating Sealer (C.P.S). Spray evenly to saturate the surface, but do not allow the material to puddle. Allow to dry 30 to 45 minutes and rinse with water and a broom to remove any residue.

Vapor Transmision

A-6300 penetrating Vapor seal epoxy is also used to Control moisture vapor, especially with concrete On grade with high alkali and moisture problem Refer to technical data sheet A-6300.

Crack Repair

Follow Americrete's A-17,000 Crack Repair Specification.

Americrete does not guarantee that the cracks will not appear at a later date.

Filling Spalls and Voids

The surface may require filling or patching prior to surfacing. Prime the surface with A-300 Concrete Bonder Admix, and pre-fill any low, voids or spalled areas with A-600 Concrete Resurfacer. The proper mix should determined by the depth of the repair. Feather all edges to match adjacent grades with a damp brush or trowel.

Tips for Application:

Make sure the concrete is porous.
Patch spall's in the concrete before squeegee coats.
Keep concrete misted with water, and A-300 primer
Always brush out expansion joints.
Always seal the surface.

Material for 300 Square Feet;

1. A-100 Degreaser
1 gallon
2. A-200 Concrete Prep and Seal
1 gallon
3. A-1700 Crack Repair Kit
40 linear ft
4. A-300 primer
1 Gallon
5. A-600 Concrete Resurfacer Gray or white
2 bags
6. A1000 stain 1-2 Gallons
7. Sealer (see options)
2 Coats, Two gallons

Americrete Architectural Staining Over Concrete – Exterior Application:

1. Follow concrete preparation procedures. Open pores of surface with A-250 Acid Etching Gel or bead blast, grinding.
2. Apply A-200 Prep and Seal.

3. Dampen the surface with water, and do not allow it to puddle. Apply A-300 C.B.A. as a wet primer before application.
4. Apply 2 coats of A-600 (Gray) Concrete Resurfacer or A-601 (White) Concrete Resurfacer with a trowel or a squeegee. Note: Add desired color to the Resurfacer using 1 tube of A-710 Color Pac to each bag of Resurfacer. Allow it to dry. Sand the surface if needed. Allow it to dry completely.
5. If an architectural design is desired, the surface can be cut with a diamond blade or Dermal Tool to achieve the desired pattern.
6. Staining - Apply a base of Americrete Concrete Stain A-1000 to the area using a canister sprayer or low-pressure sprayer apparatus. Allow it to dry.
7. If a marbled look is desired, you can do one color at a time or multiple colors together. If multiple colors are desired, the applicator can apply the Concrete Stain when the surface is dry or on the following day.
8. Apply two coats of Americrete sealers. NOTE: if Americrete sealers are not used to seal our products then there is NO WARRANTY implied. Americrete sealers must be applied to the substrate for Americrete to warranty material.

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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.

Sealer Options

For Vehicular Traffic Areas ONLY Use:

A-1400, A-1450, A-4200, A-4201, A-1480, A-1481, A-5600, A-4300,

For Non-Vehicular Traffic Areas Use:

All the sealers listed above may be applied or any of Americrete's Water Base Sealers: A-1300, A-1325, A-1350 PIGMENTED, A-1100, A-1150, A-4100

For a Painted look on Vehicular Traffic Areas Use:

A-1475 for High Traffic areas or A-4100 for driveways, garages or light traffic.

Americrete Architectural Staining Over Concrete – Interior Application

Follow steps 1 – 7 above then:

Apply 1 to 2 coats of A-7200G 100% Solids Epoxy. Allow it to dry. Lightly sand the surface, Apply A-1480 and if desired apply multiple coats of wax. .

Waxing Americrete architectural finish is recommended indoors to obtain a high shine or matte finish to protect the floor. This should be done on a weekly or monthly basis, depending upon the amount of traffic on the floor.

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