



Americrete A-60,000 SPECIFICATION

Epoxy Paint Chip Flooring System With Cove Base

Description

A-60,000 specification is designed to achieve a simulated granite look on floors, which comes in various colors. The Epoxy Paint Chip Flooring System is a chemical resistant coating. A-60,000 Epoxy Paint Chip Flooring System provides a decorative, chemical resistant surface. Use on: garages, kitchens, bathrooms, counter tops, warehouses driveways patios balconies or any other concrete surface.

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.

Preparation of surface

Americrete will bond to properly cleaned and porous concrete surfaces. Mechanical or chemical abrasion may be necessary in order for Americrete to properly adhere to the surface. See Specification A-2000

Existing Coated Floors

All existing coatings, sealers, curing agents and other foreign materials must be removed by shot blast equipment in order to reveal clean concrete.

Cleaning

The surface shall be cleaned thoroughly of all contamination by scrubbing the surface with A-100 Degreaser. Broom A-100 Degreaser evenly over the entire surface. Allow the degreaser to remain on the surface for approximately 30 minutes. Power wash surface with a 3000 to 4000 psi machine.

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.

Crack Repair

Cracks should be V-grind out and repaired with A-7300 epoxy crack repair paste. Americrete does not guarantee that the cracks will not appear at a later date.

Vapor Transmission

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 Application procedures will vary according to the job, but a typical application outline would consist of the following:

1. **Preparation.** Follow surface preparation (grinding, bead-blasting, etc.) to open the pores of the concrete substrate. Do not apply product over curing compounds or sealers. If Efflorescence (salt) is evident use A-1505 Efflorescence Blocker before application of A-6000 Water Base Epoxy.
2. **Vapor Transmission.** If vapor transmission is present, follow Americrete's A-20,000 Vapor Emission Control Specification
3. **Cove Base/Shower Areas.** Prime surface with A-8100 bonder. While surface is tacky apply A-600 concrete resurfacer to area with 6 inch cove tool and feather cement flush or to zero.\
4. **First Coat.** Apply one coat of A-6000 Water Base Epoxy at a rate of 400-600 square feet per kit. Note: Up to 1 quart of water may be added to this application (primer coat only). Allow it to dry. **Paint Chip Application.** Apply a second coat of A-6000 Water Base Epoxy; at a rate of 400 square feet per kit (do not add water to the second coat). Broadcast chips to refusal while epoxy is still wet A Allow it to dry. Then sweep or blow off excess chips off floor
5. **Note:** If a light broadcast of paint chips is desired, instead of a full broadcast (full broadcast = 10 pounds of chips per 100 square feet), use A-4100 Industrial Floor Finish instead of A-6000 Water Base Epoxy as the coat you broadcast the chips into. You will complete steps 1 through 4 and this step REPLACES step 5.
6. Once all of the loose chips are removed off of the surface, roll one coat of Americrete A-1300 Concrete Seal at a rate of 300 to 400 square feet per gallon. You can also use A-1350 Concrete Shield Note: while applying the sealer, push down on the roller to flatten the chips. Allow it to dry until the following day.
7. After the chips have been flattened, you must seal the surface with one of the following sealers:

SEALER OPTIONS:

- A-1400 High Shine, 30% Solids
- A-1450 High Shine Plus, 50% Solids
- A-1480 Top Coat Sealer, 60% Solids Polyurethane
- A- 4300 polyaspartic polyurea 73% solids

NOTE: A-7200 clear epoxy can be applied prior to top coats above; this will create a thicker looking appearance of sealer. 300 SQ FEET per kit.

MATERIAL NEED FOR 400SQUAR FEET

- 1.) A-250 acid etching gel(optional) 2 Gallons
- 2.) A-6000 water base epoxy, 2 Gallons
- 3.) A-PC Blend 40 lbs
4. A-1300 Concrete Seal 1 Gallon
- 5) Sealer 2 Gallons

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.

APPLICATION PROCEDURE:

- 1) Apply A-250 acid etching gel to open the pours of the concrete or grind, or bead blast surface. Neutralize acid with baking soda or soda ash.
- 2) Prime surface with A-6000 add one quart of water to thin out epoxy of better adhesion. Allow to dry.
- 3) Apply A-6000 and broadcast the chips into the epoxy while wet. Allow to dry.
- 4) Sweep off excess chips and blow off the surface with a weed blower.
- 5) Apply A-1300 to the surface to flatten chips. Allow to dry.
- 6) Apply two coats of sealer.

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.