



A-60,000

Epoxy Paint Chip Flooring System With Cove Base

Description

A-60,000 specification is designed to achieve a simulated granite floor, 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 or any other concrete surface.

Surface Preparation

New Floors

Any new concrete shall be allowed to cure for 28 days. If using **A-200 Concrete Prep & Seal** as the curing agent – a minimum of 72 hours must be allowed before coating. New concrete that is treated with **A-200 Concrete Prep & Seal** must cure for 72 hours. 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**.

Note: If efflorescence is present, remove with water and allow to dry for 24 hours. If efflorescence continues, repeat this step. Continue only if no efflorescence is present.

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. Remove the contaminated materials and dispose in an approved disposal site.

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.

Note: Americrete's Epoxy products CANNOT be applied over A-100 Degreaser or A-200 Concrete Prep and Seal. You must apply a

cementitious coating over the A-100 or the A-200 before applying an epoxy.

Vapor Transmission Problems

If vapor transmission is present, follow Americrete's **A-20,000 Vapor Emission Control Specification** before proceeding.

Crack Repair

See Americrete's **A-17,000 Crack Repair Specification** for procedure.

Filling Spalls and Voids

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

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 **W-8000 Waterproofing Primer**. While surface is tacky apply **W-8300 Wall Stamp** to area with a 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.
5. **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.

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.

Note: If concrete is cracked, or damaged, please contact an Americrete Technical Representative for assistance on substrate repair.

6. Allow it to dry. Then sweep or blow off excess chips off floor.
7. Once all of the loose debris is removed off of the surface, roll one coat of Americrete **A-1300 Concrete Seal** at a rate of 200 to 300 square feet per gallon. You can also use **A-1350 Concrete Shield or A-5500 Water Base High Shine**. Apply with a roller at a rate of 350 to 400 square feet per gallon. **Note: While applying the sealer, push down on the roller to flatten the chips.** Allow it to dry until the following day.
8. After the chips have been flattened, you must seal the surface with one of the following sealers:
 - A-5500 Water Base High Shine, 30% Solids
 - A-1350 Concrete Shield, 30% Solids
 - A-1400 High Shine, 30% Solids
 - A-1450 High Shine Plus, 50% Solids
 - A-4200 Concrete Seal, 30% Solids
 - A-1480 Top Coat Sealer, 60% Solids Polyurethane

Note: A-1550 High Shine Accelerator can be added to the A-1400 or the A-1450 to accelerate the drying time. Only use one ounce per gallon. Only add accelerator to one gallon at a time. Do not add to a five-gallon unit, it will accelerate too fast to apply the product.

Note: An additional coat of A-1400 or A-1450 can be applied to achieve a smoother surface.

Product Warranty:

Americrete, Inc. blends its products to the highest quality. Warranty does not apply to any persons, company or private individuals who have not attended an Americrete, Inc. training class and/or have not been approved as a Certified Applicator of Americrete, Inc. products. This warranty is limited to the replacement of material (product) for a period of 1 year for single product application and for a period of 5 years for entire system application only if the maintenance has been performed as stated above and the product(s) have been proven to be defective. Product must be applied to manufacturers specifications, and over a sound substrate. There is no warranty for cracking, damage to substrates or replacement of any tangible items. This warranty, dated October 2004, supercedes all previous warranties.

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.