



Americrete A-61,000 SPECIFICATION

Marble Epoxy Flooring System

Description

A-61,000 is a 100% solids Epoxy. Marble Tek creates a beautiful marble effect on floors with no odor or smell during application. It is ideal for casinos, hotels, homes, restaurants and retail outlets. It comes in many different colors and is easy to apply.

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.

Vapor Transmition

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

See Americrete's use Americrete Epoxy Crack Repair A-7300. Americrete does not guarantee that the cracks will not appear at a later date.

Filling Spalls and Voids

V-Grind out all cracks. Wipe out all the dust with acetone and repair with A-7300 Epoxy Repair Kit.

Surface Preparation

1. Follow surface preparation (grinding, bead-blasting, etc.) to open the pores of the concrete substrate.
2. If vapor transmission is present, follow Americrete's A-20,000 Vapor Transmission Specification before proceeding.
3. At this point it is necessary to take a moisture reading. The reading should be less than 4 pounds per square foot. If you have not achieved the required moisture vapor reading, follow Americrete's A-20,000 Vapor Emission Specification.

Application of A-6100 Marble Tek

1. Apply A-6000 Water Base Epoxy at a rate of 400 – 600 square feet per kit as a primer. NOTE: 1 – 2 quarts of water may be added per kit as a primer coat only. Allow to dry.

Note: Always mix the A-6100 Marble Tek color first, for about 5 to 10 minutes before adding the hardener in order to mix all the color chunks together.

2. Mix A-6100 Marble Tek 2 parts color resin to 1 part hardener. For base color apply material at the rate of 100 square feet per kit with a ¼" nap roller. Wearing spike shoes immediately walk out into base coat and drizzle highlight colors onto base coat. After every 25 to 50 square feet is based and highlighted, apply air to material in circular motions with an air compressor, blower, or exhaust from shop vacuum. Repeat process until entire floor is based, highlighted and material is moved around with the air. NOTE: Color activator may be sprayed to further separate colors on the floor.
3. Allow to dry 24 hours before sealing.

Caution: When spraying activator onto the surface, the epoxy will separate, revealing the primer coat. To achieve a more uniform look, use the A-6100 Marble Tek as your primer coat. You can thin the A-6100 with Oxal or acetone 4 to 6 ounces per kit. Note: Use the same primer color as your base color.

Allow to dry 24 hours before sealing.

SUN LIGHT AREAS

Contact Americrete; U.V. inhibitor's must be added to

the Marble Tec and the A-7200 epoxy to protect the surface from yellowing if sun light will be hitting the surface.

SEALERS APPLICATION

Apply two coat of A-7200 Chemical Resistant Epoxy with a roller at a rate of 300 square feet per gallon. When applying the A-7200 epoxy a torch should be used to reduce bubbling and to create a smooth floor finish.

MANDATORY

Wax floor with multiple coats of wax to protect finish. Contacting a janitorial service is recommended.

Note: A-7200 should be sanded between coats if it stands dry for more than 48 hours.

WARNING!

If using A-6150Q must read product and MSDS Sheets.
Call 1-800-775-8880 to get technical help.

Material need for 300 square feet:

- 1.) A-6000 water base epoxy, 1 Gallon or A-6100
- 2.) A-6100 Marble Tek, 3 Gallons
- 3.) A-6100 high light colors
- 4.) A-7200 Clear Epoxy, 2 Gallons
- 5.) Wax

Product Warranty/Liability Disclaimer

Since no control is exercised over product use, AMERICRETE, INC. 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, INC. 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, INC. 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, INC. 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.