



## **A-61,000**

# **Marble Epoxy Flooring System**

### **Description**

**A-61,000** is a 100% Epoxy. Marble Tek creates a beautiful look 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.

### **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 **Americrete Degreaser A-100** 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: Do not apply epoxies directly over A-100 Degreaser or A-200 Concrete Prep & Seal.**

#### **Crack Repair**

See Americrete's **A-17,000 Crack Repair Specification** or use Americrete **Epoxy Crack Repair A-7300**.

**Filling Spalls and Voids**

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

For complete crack repair instructions on repairing cracks, please see Americrete's Specification A-17,000.

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

**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 Pigmented 100% Solids Epoxy**

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.

**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 Xylene 4 to 6 ounces per kit. Note: Use the same primer color as your base color.**

3. Allow to dry 24 hours before sealing.

4. Apply one coat of **A-7200 Chemical Resistant Epoxy** with a squeegee or roller at a rate of 300 square feet per gallon. For heavy vehicle or walking areas, apply a second coat of **A-7200 Chemical Resistant Epoxy**.
5. Wax floor with multiple coats of **wax** to protect finish. This step is **mandatory!**

**Note: Product 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.

### **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.***