



**Americrete A-25,000
SPECIFICATION**

Ameri-Dye Concrete Staining System

Description

This two part specification describes 2 optional finishes when using A-2500 Ameri-Dye system. Section 1A describes a polished finish after staining the concrete and Section 2A describes an unpolished, sealed finish after staining the concrete.

Surface Preparation

All new concrete must be cured for 28 days. Remove all existing coatings, sealers, curing agents and any foreign material by shot blasting or grinding the surface in order to get the concrete substrate to a porous condition.

Ameri-Dye staining over existing interior floors

(1A) Polished Finish

1. **Mixing:** Ameri-Dye is packaged in powder form. The powder must be mixed with acetone (one 8 ounce tube per gallon of acetone). Add 4 ounces of A-2502 Penetrating Enhancer per gallon of mixed material and allow to stand for 3 hours.
2. To achieve a polished look, start by grinding the surface with a Blast Track machine using a variety of grinding pads. Depending on the concrete's surface, use either 50-60 grit or 80-100 grit working diamond. Gradually increase grit size up to 400 – 600. Remove all dust.
3. Apply Ameri-Dye to the surface using a sprayer with a conical tip (use one that allows Acetone to flow through the system without ruining the rubber grommets).
4. Rinse and clean surface to remove all excess dye and repeat the process.
5. Rinse and clean surface to remove dye residue.
6. Spray the surface with Americrete's A-2250 Concrete Penetrating Sealer with a fan tip and then broom the material on the surface, forcing it into the pores of the concrete. Repeat process over any area that looks lighter in color within 20 minutes.
7. Allow the surface to completely dry for 1-3 hours or longer, depending on the temperature.
8. Continue polishing the surface using 800 to 3000 grit diamond until completely smooth. It is recommended to high speed burnish the floor with a buffing pad for final polishing.
9. Protect the floor with A-2503 Stain Armor. Apply two coats at a rate of 800 to 1000 square feet per gallon. Allow to dry. Burnish or buff the Stain Armor with a hogs hair pad. Floor will be at optimum performance after 7 days.

(2A) Ameri-Dye stained surface with a sealer

1. Prepare surface as described above.
2. Follow mixing procedures described in #1 above.
3. Apply the dye over a clean, porous substrate and allow to dry. See #3 above.
4. Remove residue and repeat process if necessary.
5. Clean the surface and apply two coats of:
Option 1: 1480G, Clear-Top Coat - 60% Solids
Option 2: A-4200, Shine and Seal
Option 3: A-5600, Armor Shield

Sealer choice will depend upon foot traffic. For heavy foot traffic use A-1480G. Allow to dry for 24 hours.

Apply 5 – 8 coats of wax to surface using a high speed buffing apparatus.

Note: Apply all sealers as thin as possible. Do a small test before applying sealer over the entire surface. Make sure to remove all dye residue before sealing 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 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.