



Americrete 7,000 SPECIFICATION

Stamp Crete 1/4" Overlay System

Description

This specification and the products outlined below are specifically designed for installing Americrete's 1/4" Stamp System. Stamp texturing tools used with the A-700 Stamp Crete to produce designs and textures at various thicknesses over structurally sound concrete. A-7000 stamp Crete system is easy to apply. All the contractor has to do is add water and pigment to the pre blended A-700 stamp material. Special chemicals and polymers have added at our blending facility so no extra chemicals are needed. This simplicity guarantees the ease of application every time.

Caution

It is imperative that the structure that is to be repaired or overlaid 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 Concrete Penetrating Sealer (C.P.S). Spray evenly to saturate the surface, but do not allow the material to puddle. Allow to dry 30 to 45 minutes and rinse with water and a broom to remove any residue.

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.

Surface Repairs

Small repairs and cracks require pre-filling. Large spalls and cracks should be pre-filled prior to resurfacing using Americrete Crack Repair Procedure. See Specification number A-17,000 for complete installation instructions. Americrete does not guarantee that the cracks will not appear at a later date.

Surface Leveling

Low areas, surface voids and other irregularities that cannot be repaired using a thin coat application may be repaired using this leveling procedure prior to resurfacing. Prime surface with A-375. Apply A-600 Concrete Resurfacer mixed with 6 to 6 1/2 quarts of water per bag, for any areas from 1/8" or 3/8". For deeper areas, other mixing ratios with larger aggregate are required.

Material List for 300 Square Feet;

1. A-100 Degreaser, 1 Gallon
2. Concrete Prep and Seal, 2 Gallons
3. A-750 Stamp Crete Primer for primer, 1 Bag (always have extra bags on hand)
4. A-700 Stamp Crete, 13 Bags (always have extra bags on hand)
5. A-1800 Release, 1 Gallon
6. A-300 Concrete Bonder Admix, 1 Gallon
7. A-1000 Concrete Stains, 1 to 4 Gallon pending on the colors desired for the application
8. Sealers; two coats, 2 gallons of Americrete sealers. NOTE: if Americrete sealers are not used to seal the A-700 then there is NO WARRANTY implied. Americrete sealers must be applied to the substrate for Americrete to warranty material.
9. If cracks are present, you will need Americrete's A-1700 Crack Repair Kit, which will repair approximately 40 linear feet.
10. Texture or Pattern stamps.

APPLICATION PROCEDURES

1. V-grind out all cracks.
2. Always apply Degreaser A-100 to concrete when oil is present at a rate of 300 square feet per gallon, with a stiff bristle broom. Leave on concrete 20 to 60 minutes, and rinse off with a garden hose and then power wash the surface.
3. While the surface is dry, not wet, apply Americrete A-200 Concrete Prep and Seal at a rate of 300 square feet per gallon, with a low-pressure sprayer. Allow A-200 Concrete Prep and Seal dry for 24 hours. Follow the A-17,000 Crack Repair Specification.
4. Mist the concrete substrate with water and apply Stamp Crete Primer A-750 at a rate of 200 to 250 square feet per bag. Do not apply A-750 Stamp Crete Primer too far in advance of the application of the A-700 Stamp Crete. Do not let A-750 Stamp Crete Primer dry. Mix 4 ½ to 5 quarts of water per 50 lb. Bag of stamp mix. Apply A-700 Stamp Crete directly into the wet A-750 Stamp Crete Primer at a rate of 25 square feet per bag, with Americrete's ¼" Screed Rake. Allow to set – but not dry and then apply Release A-1800 with a Hudson sprayer to the entire area and stamp. Stamp the surface. Do not allow material to dry before stamping the product. **Mandatory Note: You must mix color into each bag of A-700 Stamp Crete. Use Americrete's A-710 Color Pacs (mix 1 color pack per 50 pound bag) or use the colorant of your choice.**
5. For vertical application (stairs, pool coping edge, etc.): When mixing A-700 add ¼ bag of A-750 into the mix and mix with water to the desired consistency. Apply this mix to the vertical surface after A-750 Stamp Crete Primer has been applied and has set up and is stiff (almost dry). Stamp the surface. Do not allow the material to dry before stamping.
6. On the following day, clean out unclean grout lines, and lightly scrape the entire surface. Cut joints then wash surface with T.S.P. and water to remove the A-1800 Release.
7. If shrinkage cracks appear, sponge crack by using a mixture of water and stamp mix. Sponge into cracks and let dry.
8. Apply A-300 Concrete Bonder Admix to the entire area with a broom at a rate of 300 square feet per gallon. Allow to dry.
9. Dampen the surface. Apply A-1000 Concrete Stain over the surface with a Hudson sprayer and allow to dry. Highlighting can be done with a sprayer, sponge, etc. Allow to dry 24 hours before sealing.
SEALERS: Surface MUST be sealed with two coats of Americrete sealers to obtain a warranty.

Sealer Options

For Vehicular Traffic Areas ONLY Use:

A-1400, A-1450, A-4200, A-4201, A-1480, A-1481, A-5600, A-4300,

For Non-Vehicular Traffic Areas Use:

All the sealers listed above may be applied or any of Americrete's Water Base Sealers: A-1300, A-1325, A-1350 PIGMENTED, A-1100, A-1150, A-4100

For a Painted look on Vehicular Traffic Areas Use:

A-1475 for High Traffic areas or A-4100 for driveways, garages or light traffic.

NOTE: When using 4201 or 1481 the surface must be sealed prior to application due to the matte agent. Please consult with an Americrete rep. **Note:** Do not apply Sealer to wet or damp surface, or when precipitation is expected.

Helpful Tips:

- Open the pores of the concrete
- Cut open all expansion joints before & after installation
- On hot days, saturate the concrete substrate with water to cool the substrate surface
- Keep the concrete moist with water while applying A-750 Stamp Primer
- Apply A-700 Stamp Crete into wet A-750 Stamp Primer
- Add 1 tube of A-710 Color Pac to each bag of A-700 Stamp Crete
- Be sure all A-1800 Release residue is removed before staining
- Apply A-300 Concrete Bonder Admix before staining to achieve a nicer, more elegant look.
- Apply two coats of Americrete sealers.

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.