



Americrete A-17,000 SPECIFICATION

Crack Repair Procedure

Description

Americrete's Crack Repair Procedure is a flexible product designed to fill cracks and joints prior to resurfacing with Americrete's Concrete Resurfacer. This procedure is a quick and efficient remedy for crack repairs.

General Information

Structural cracks are caused by many factors, including sub grade problems, insufficient expansion joints, tree roots, insufficient steel reinforcement, or insufficient concrete thickness or strength for the intended use. No crack repair system is 100% effective and structural cracks may re-appear. Pre-stressed concrete uses cables to keep cracking to a minimum, but post tension slabs may still crack. No Warranty that a crack may reappear.

Surface Preparation

New Floors

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

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.

Crack Repair

Cracks should be V-grind, clean and free of any debris or other fillers prior to the application of Americrete. Cracks are to be primed with Americrete Concrete Bonder Admix A-300. Cracks should be filled with Americrete Waterproof Basecoat A-900 mixed with Americrete Bonder Concentrate A-400 mixing ratio will be one to one (one bag to one gallon) additional water can be added to achieve desired consistency. Structural or moving cracks should be covered with the additional Americrete Flex Mesh A-1600. After the crack has been repaired and dry, apply Americrete Flex Mesh A-1600 and Americrete Concrete Resurfacer A-600 over the crack, and allow it to dry, or use Americrete's Crack Repair Kit A-1700 and follow the directions.

Installation Procedures For Crack Repair Kit

1. V-grind out all cracks that are to be repaired with a crack chaser or "V" Blade.
2. Remove all dust, loose cement, dirt, etc from the area to be repaired. It is important that you have a clean surface to work with.
3. Prime the surface with white liquid in the container Concrete Bonder Admix A-300 with a brush.
4. Mix 1 quart of Concrete Bonder Concentrate A-400 with the material in the bottom of a bucket (in hotter climates, an extra ½ quart of water may be necessary), pour the material into the opened cracks and trowel smooth. Note: Allow the material to dry completely before proceeding.
5. Add 1- 1 1/2 quarts water to material in small bucket. Pour and trowel the material over the crack 7" wide, and embed (trowel) the Americrete Flex Mesh A-1600, A-1625 or A-1630 completely, and feather the edges with water and a brush. Allow it to dry and proceed with coating the surface.

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.