



## Americrete A-20,000 SPECIFICATION

### Vapor Emission for On-Grade Slabs

#### Description

This specification includes application procedures, which significantly reduce levels of moisture emissions through concrete slabs on grade or below grade using A-6300 a two part epoxy .

#### 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 20 days must be allowed before coating 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.

#### 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.

#### 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. Concrete must be porous.

#### Testing

Before and after the system is installed, test the vapor transmission rate of the floor to determine if the floor meets the manufacturer's standards for the particular flooring finish that will be used. Examples of flooring finishes are tile, vinyl tile, carpet, urethane and epoxy floors. All manufacturers have thresholds for vapor transmission rates at which their products experience delamination. This specification is designed to bring floors within acceptable limits for vapor transmission.

#### APPLICATION:

The vapor reduction system consist of a two part epoxy "A-6300" .Mix TWO part's of 'A' resin to ONE part 'B' hardener. Mix the material in 1.5 gallon units and thin out the first application with one quart of acetone. Apply material at a rate of 250 square feet per gallon. Allow to dry. Apply a second application with out thinning out the material at 250 sq feet per gallon. NOTE if a cementations coating is to be applied broad

cast sand to refusal.

*Note: While this system has had considerable success in significant reduction of moisture vapor emissions through concrete (as high as 85% reduction), it is not represented as a cure-all for problem slabs. The ideal solution for many slabs is to rip out and replace the slab. When this is not possible or is not cost effective, this system offers a possible alternative. Actual results will vary depending on many different factors such as location, climate, engineering, sub-grade, construction practices, mix design, etc.*

#### 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 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. 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.

