



Americrete A-22,000 SPECIFICATION

Vapor Emission for Block Concrete Retaining Walls

Description

This specification includes application procedures, which significantly reduce levels of moisture emissions through concrete for block walls. The system consists of 3 components: A-2250 Concrete Penetrating Sealer (C.P.S.), W-8000 bonder and W-8300 coat.

Surface Preparation

Surface Cleaning

Clean 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.

Crack Repair

Follow Specification 17,000.

Filling Spalls and Voids

The surface may require filling or patching prior to surfacing. Prime the surface with W-8000 bonder, and pre-fill any low, voids or spalled areas with W-8300 Wall Stamp. The proper mix design will be determined by the depth of the repair. Feather all edges to match adjacent grades with a damp brush or trowel.

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

1. Follow surface preparation by grinding, sand blasting, etc. to remove sealer or foreign material.
2. Follow surface stabilization by applying 2 coats of A-2250 Concrete Penetrating Sealer (C.P.S.), starting at the bottom and applying to the top. Allow to dry 24 hours.
3. Apply W-8000 Bonder to the wall with a paint roller. While bonder (W-8000) is tacky mix 1 gallon of W-8000 into one bag of W-8300 Wall Stamp and apply to surface as a scratch coat at approximately 150 sq. feet per bag. Allow to dry.
4. Apply A second application of A-2250 Concrete Penetrating Sealer (C.P.S.) to the wall and allow to dry.
5. Apply bonder W-8000 at a rate of 200 square feet per gallon. Mix one gallon of W-8000 bonder into W-8300 Wall Stamp and this mix will be applied at a rate of 100 square feet per bag.
6. Saturate the wall with A-2250 Concrete Penetrating Sealer (C.P.S.).

Follow-up Testing

After the complete system has been installed, test the vapor transmission rate of the wall to determine if the wall meets required, acceptable limits for vapor transmission.

Note: While this system has had considerable success in significant reduction of moisture vapor emissions through concrete block walls (as high as 85% reduction), it is not represented as a cure-all for problem walls. Actual results will vary depending on many different factors such as location, climate, engineering, sub-grade, construction practices, mix design, etc.

Note: If acceptable limits have not been met, repeating the application may be required

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.

