



# A-H METALLIC WATERPROOFING

## Hydrolithic Method

**PRODUCT SPECIFICATION**  
**1-10**  
Rev. 10/24

### DESCRIPTION:

**IRON TYPE CEMENT COAT WATERPROOFING FOR INTERIOR SURFACES.** A-H METALLIC WATERPROOFING is a combination of specially graded and purified iron particles blended with workability and oxidation promoting agents. The iron particles are clean, oil-free and proportioned so that after oxidation they completely seal the pores of the masonry surfaces to which they have been applied.

### SPECIFICATIONS:

All areas as indicated on plans shall be waterproofed with A-H METALLIC WATERPROOFING in accordance with manufacturer's specifications.

### MIX DESIGN:

**Metallic Mortar** shall be composed of 1 part Type-1/Type-2 Portland cement to 2 parts clean, sharp, well graded sand by volume, and mixed with A-H METALLIC WATERPROOFING at the rate of 10 pounds per 94 pound bag of Type-1/Type-2 Portland cement.

**Metallic Bond Coat** shall be composed of 1 part A-H METALLIC WATERPROOFING to 1 part Type-1/Type-2 Portland cement by weight, and mixed with enough water to obtain paint like consistency.

**Metallic Brush Coat** shall be composed of 1 part A-H METALLIC WATERPROOFING to 1 part Type-1/Type-2 Portland cement by weight, and mixed with enough water to obtain a heavy cream like consistency.

**Protective Mortar** shall consist of 1 part Type-1/Type-2 Portland cement to 2 parts clean, sharp sand by volume. (Wall)

**Protective Topping** shall consist of 1 part Type-1/Type-2 Portland cement to 1 parts clean, sharp sand, and 2 parts of 3/8" aggregates. (Floor)

### SURFACE PREPARATION:

All floors and walls to receive metallic waterproofing shall be rough, clean, and free of loose materials, oil, grease, or coatings. Bush hammering, sandblasting or chipping, may be necessary to prepare the surface. All construction joints, sleeves, pipes, or conduits of any type shall be provided with a 3/4" x 1/2" cove or reglet to be filled with a metallic mortar. All cracks shall be cut to a width of 1" and a depth of 1.5 "

### APPLICATION:

All coves, reglets, and cracks shall be moistened with water and given a metallic brush coat and filled with metallic mortar. Wet cure for 24 hours. All surfaces to receive A-H METALLIC WATERPROOFING shall be moistened with water and shall have a minimum of 1 bond coat and 2 cement metallic brush coat treatments. Allow 24 hours moist curing between brush coats.

After final brush coats apply protective 1/8" mortar to walls and 1" protective topping to floor surfaces.

### CURING:

Cure protective surfaces only with water or a wet cure.

### PERFORMANCE DATA:

A-H METALLIC WATERPROOFING complies with Federal Specifications GSA 204-3 Para. -02, -03, Public Buildings Service Interim Guide Spec. July '63; Federal Construction Guide Specification 07-02 and CE 212.02.

### MAINTENANCE:

All due diligence must be exercised to provide a regular and frequent maintenance plan to clean and protect the finished surface from severe or prolonged assault from chemical attack, abrasive attack or similar abuse.

### SAFETY:

When working in confined areas adequate ventilation should be provided and masks worn when applying A-H Metallic Waterproofing. Use approved safety glasses, rubber gloves, coveralls and work boots. Protect animals, vegetation and food items. Refer to the Safety Data Sheet (SDS) for details.

### STORAGE:

Store in a dry, cool place. Keep containers tightly closed. Refer to the SDS for details. **KEEP AWAY FROM CHILDREN.**

### ESTIMATOR'S DATA GUIDE:

1/8" Metallic Mortar - 5 lbs. per 100 sq. ft.

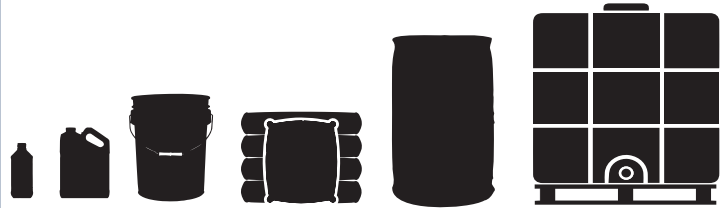
Metallic waterproofing bond coat - 10 lbs. / A-H METALLIC WATERPROOFING per 100 sq. ft.

1st brush coat - 10 lbs. / A-H METALLIC WATERPROOFING per 100 sq. ft.

2nd brush coat - 8 lbs. / A-H METALLIC WATERPROOFING per 100 sq. ft.

### PACKAGING:

1-quart, 1-gallon, 5-gallon, 50lb bags, 55-gallon or 275-gallon containers.



### SERVICES:

Our technical staff is available to review product selection and detailing during the design stage.

### WARRANTY:

Anti-Hydro Products, LLC. (Anti-Hydro) warrants its products to be free of manufacturing defects at the time of delivery to its customer and will, at its option, replace or refund the invoiced price of any materials proven to be defective. This limited warranty is in lieu of any other warranty or guarantee, expressed or implied, including warranties of merchantability and fitness for a particular purpose. Anti-Hydro disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever beyond the invoiced price of the material to its customer.

To the best of our knowledge, the information contained herein is accurate. However Anti-Hydro Products, LLC. does not assume liability whatsoever for the accuracy or completeness of information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present known or unknown hazards, please refer to the Safety Data Sheet (SDS) for this product. This notification may not be detached from the specification. Any copying and redistribution of the specification shall also include copying and redistribution of this notice. Our salespersons or representatives, distributors and their personnel have no authority to change the recommendations contained herein.

## PRODUCTS & TECHNOLOGY FOR CONCRETE AND MASONRY WORLDWIDE SINCE 1904

For over 120 years, Anti-Hydro Products, LLC has been integrally waterproofing many concrete and masonry structures all over the globe. The success of our core product Anti-Hydro "AH-1", has been attested not only by the commercial recognition accorded by its use in many prestigious projects worldwide, but also by tests performed by many governmental agencies and accredited independent laboratories.

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