



ANTI-HYDRO®

*Admixture for Quick, Durable
Repairing of Concrete*

PRODUCT SPECIFICATION

9-4

Rev. 05/24

DESCRIPTION:

ANTI-HYDRO® has been successfully used since 1904 for fast, durable concrete repairs and resurfacing.

ANTI-HYDRO® is used in concrete mixes, packaged cements and slush coats for producing high bond, high early strength, quick set, increased abrasion resistance and reduced shrinkage. The ANTI-HYDRO® system is suitable for all types of concrete repairs.

ANTI-HYDRO® enhances the workability and finishing of concrete mixes through more complete hydration of the cement, achieving higher strength at all ages. Fast, durable repairs can easily be accomplished.

SPECIFICATIONS:

All concrete repairs as indicated on plans or finished schedule shall contain ANTI-HYDRO®, as manufactured by Anti-Hydro Products, LLC.

MIXES:

• CONCRETE REPAIRS 3/8" TO 3/4" THICK:

One (1) part Type-1/Type-2 Portland cement to 2 parts clean, well graded, sand, gauged with a 1:10 solution of ANTI-HYDRO® and water. The mix shall contain no more than 3-1/2 gallons of mixing liquid per bag of cement.

• CONCRETE TOPPING 3/4" TO 3" THICK:

One (1) part Type-1/Type-2 Portland cement, 1 part sand and 1-1/2 parts maximum 3/8" aggregate, gauged with a 1:10 solution of ANTI-HYDRO® and water, with a maximum slump of 2".

The topping shall contain a minimum of 846lbs of Type-1/Type-2 Portland cement per cubic yard, combined with not more than 34 gallons of total liquid. Each cubic yard of topping shall contain 2.5 gallons of ANTI-HYDRO®. The ANTI-HYDRO® shall be added to the mixing water or to partially mixed topping.

• ANTI-HYDRO® SLUSH COAT:

Mix 1 part ANTI-HYDRO®, 3 parts water with enough Type-1/Type-2 Portland cement to a heavy cream consistency.

PREPARATIONS:

Cut out loose or spalled materials to sound concrete. Cut a shoulder into the floors to be resurfaced for a minimum of 3/4" depth. All concrete to be resurfaced shall be thoroughly clean, rough and free of contamination, coatings or foreign materials. Chipping, shotblasting or scarifying are all suitable methods of preparing concrete floors. Wet down substrate to surface saturated-dry (SSD).

APPLICATION:

• BONDING:

The prepared bonding ANTI-HYDRO® Slush Coat is to be scrubbed into the surface with a stiff broom and the topping placed while the slush coat is still damp.

• PLACING AND FINISHING:

All substrates should have a slurry coat prior to mortar. Place material continuously to maintain a wet edge. Finish with a magnesium float or trowel.

• CURING:

Dampen the repair with a fine mist of water for 24 hours or moist cure with wet burlene. Protect repair from direct sunlight, wind, rain and frost during curing period.

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:

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:

Gauging liquid 1:10 Anti-Hydro: Water

2-1/4 gallons ANTI-HYDRO® per cubic yard of topping.

1 gallon ANTI-HYDRO® per 150 sq. ft. of surface for ANTI-HYDRO® Bonding Slush Coat.

PACKAGING:

1-quart, 1-gallon, 5-gallon, 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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