



ANTI-HYDRO®

Admixture for Tile Grout and Thin-Set Mortar

PRODUCT SPECIFICATION 1-18

Rev. 04/24

DESCRIPTION:

ANTI-HYDRO® is a unique, non-staining admixture that has been extensively used and recommended since 1904 for tile grout and thin-set mortar. Our product provides waterproofing, durability, hardness, improved bonding and mold resistance. It is compatible with latex admixtures and enhances the color intensity.

ANTI-HYDRO® is a non-corrosive solution of organic and inorganic chemicals that reacts with Portland cement to produce more complete hydration. Water requirements, bleed water, capillaries and shrinkage are reduced. ANTI-HYDRO® increases the early and ultimate strength thus affords early access to grout installations.

ANTI-HYDRO® (Spec.9-5) is also recommended as a surface treatment to harden and dust proof soft, friable grout joints.

ANTI-HYDRO® in grout or thin set mortar produces all the following results:

- Reduced Friability
- Waterproofing
- Reduction of water in the mix
- Increased workability
- Uniform curing
- Increased strengths
- Better bond between grout and thin set mortar with the tile
- Non-staining and color enhancing
- Decrease labor costs

MIXES:

Add, by volume, one (1) part ANTI-HYDRO® admixture to five (5) parts (for faster set time) to ten (10) parts (for slower setting time) of water (depending on the desired set time) to make the gauging liquid which is added to the standard Type-1/Type-2 Portland cement grout and thin set mortar. The amount of gauging liquid shall be equal to the total amount of water recommended for the particular grout or thin set mortar. Mix thoroughly with standard mixing equipment to uniform consistency. Test patches are recommended to verify desired results and actual coverage.

PRECAUTIONS:

• APPLICATION:

Do not re-temper the material. Do not add ANTI-HYDRO® directly to the Portland cement grout and thin set mortar. ANTI-HYDRO® shall be added with the mixing water or to the grout and thin set mortar while partially mixed.

ANTI-HYDRO® shortens the set time, start with smaller batches until you become used to using it.

ANTI-HYDRO® reduces efflorescence, therefore makes dark colored tile grout much brighter in color.

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 shaded area. Keep containers tightly closed. **KEEP AWAY FROM CHILDREN.** Refer to the SDS for details.

ESTIMATOR'S DATA GUIDE:

1 quart ANTI-HYDRO® per 94lb. bag of Portland cement.

PACKAGING:

1-quart, 1-gallon, 5-gallon, 55-gallon or 275-gallon containers.



SERVICES:

Our technical staff is available to review product selection.

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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