



ANTI-HYDRO®

Admixture for Integrally Waterproofing Mortar

PRODUCT SPECIFICATION 1-6

Rev. 04/24

DESCRIPTION:

ANTI-HYDRO® is recommended for waterproofing. It has been successfully used since 1904 in all types of brick and stone installations for waterproofing mortar. It improves workability, strength, hardness, and durability. It also provides protection against freeze/thaw damage.

ANTI-HYDRO® is a non-corrosive solution of organic and inorganic chemicals that reacts with Portland cement to produce more complete hydration. These reactions produce impermeable mortar that is hard, non-dusting and durable. It enhances intensity and durability of color. ANTI-HYDRO® is compatible with subsequent finishes.

SPECIFICATIONS:

All mortar for masonry shall be waterproofed with ANTI-HYDRO®, as manufactured by Anti-Hydro Products, LLC., in strict accordance with manufacturer's specifications.

MIXES:

Pre-packaged mortars shall be Type S and/or Type M as defined by ASTM C 270 Table 2.

Field mixed mortars shall be proportioned as follows:

Type S	Type M
Cement 94 lb = 1 cu. ft	Cement 94 lb = 1 cu. ft
Lime 20 lb = 0.5 cu. ft	Lime 10 lb = 0.25 cu. ft
Sand 360 lb = 4.5 cu. ft	Sand 240 lb = 3 cu. ft

Field mixed mortars may be made without lime. Portland cement shall be Type-1/Type-2 and sand shall conform to ASTM C 144. Gauging liquid shall be a blend of 1 part ANTI-HYDRO® and 15 parts water. All parts measured by volume. Add enough gauging liquid to produce a workable mix.

APPLICATION:

All brick or masonry units shall be thoroughly wet before laying (except in freezing weather) and bedded in mortar under the entire surface. The compaction achieved by tooling joints gives greater density and bond. For cavity wall construction, the parge coat can be applied to the back-up masonry. Provide proper weep holes and flashings in exterior brick work.

PRECAUTIONS:

• INSTALLATION:

For ambient and substrate temperatures in excess of 80°F, use ANTI-HYDRO®-R in place of ANTI-HYDRO®.

ESTIMATOR'S DATA GUIDE:

1 quart of ANTI-HYDRO® per bag (94 lbs.) of Type-1/Type-2 Portland cement.

Gauging Liquid- 1 part of ANTI-HYDRO® to 15 parts of water. Parts are measured by volume.

(5) 5-1/2 quarts of Gauging Liquid per 80 lbs. of Type S and M mortar only (pre-packaged).

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.**

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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