



ANTI-HYDRO®

Admixture for Integrally Waterproofing Stucco

PRODUCT SPECIFICATION

2-2

Rev. 04/24

DESCRIPTION:

ANTI-HYDRO® is used as an integral waterproofing and durability admixture for cement stucco. Addition of ANTI-HYDRO® in cement stucco improves workability, strength, hardness, and durability. ANTI-HYDRO® enhances intensity and durability of colors.

ANTI-HYDRO® is a non-corrosive solution of organic and inorganic chemicals that reacts with Portland cement to produce more complete hydration. The increased hydration provides internal curing, decreased set time and a much denser and tougher cement paste.

SPECIFICATIONS:

All cement stucco and plaster, as indicated in plans and specifications, shall be waterproofed and protected with addition of ANTI-HYDRO®, as manufactured by Anti-Hydro Products, LLC., in strict accordance with manufacturer's specifications.

DESIGN CONSIDERATIONS:

MIXING:

Field mixed stucco or plaster shall contain 1 part Type-1/Type-2 Portland cement and 3 parts clean, sharp sand with not more than 10% of hydrated lime per bag (94 lb.) of Type-1/Type-2 Portland Cement. Gauging liquid shall be a mixture of 1 part ANTI-HYDRO® and 10 parts water. All parts measure by volume. Gauging liquid containing ANTI-HYDRO® shall be added to cement stucco or plaster and while being mixed.

If using Type S or M Mortar, please contact the technical department.

INSTALLATION:

MASONRY:

Masonry surfaces to receive stucco should be straight clean, and dampened with water. Before application of Portland cement stucco, prepared surfaces shall be brushed with a slush coat made by stirring fresh Portland cement into a mixture of 1 part ANTI-HYDRO® and 3 parts water, to the consistency of a heavy paint. While slush coat is still wet, apply scratch coat of stucco with minimum thickness of 3/8". This surface shall be floated and scratched in 2 directions. Finish coat shall be at least 1/8" - 1/4" and of the same mix, applied surface of the scratch coat. Finish coat shall be float finished before texturing.

PRECAUTIONS:

For optimum results, mixes as specified are recommended. Mixes and materials in packaged stucco may vary, but their performance will be improved by the use of ANTI-HYDRO®. ANTI-HYDRO® has a set-time accelerating properties. All metals used for attaching or reinforcing shall be galvanized.

Stucco applied during extreme drying conditions shall be kept dampened for 24 hours with water spray.

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:

STUCCO:

1 gallon ANTI-HYDRO® per 100 sq. ft.

GAUGING LIQUID:

1 part ANTI-HYDRO® to 10 parts water. Parts measured by volume.

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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