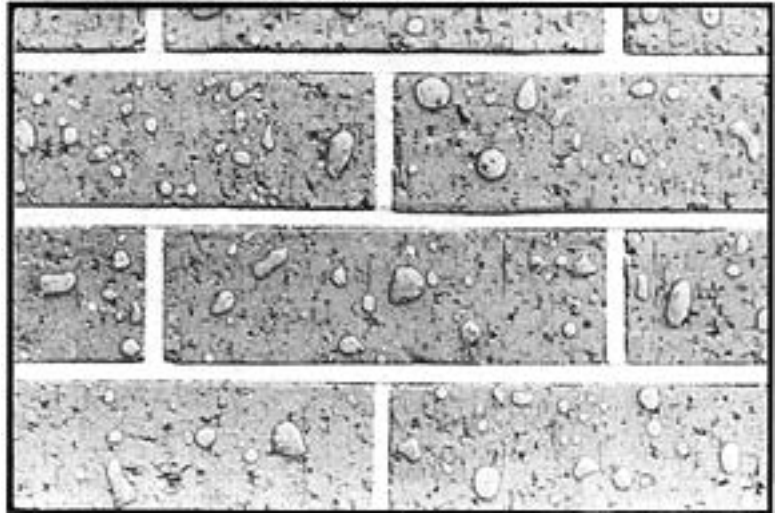


# ABR<sup>®</sup>

PRODUCTS, INC.

Restoring, beautifying, preserving wood and stone surfaces.

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## HYDRO SEAL™ PRODUCT SPECIFICATIONS

### PRODUCT NAME

Hydro Seal 100™  
Hydro Seal 200™  
Hydro Seal 300™ (Water Borne)

### MANUFACTURER

American Building Restoration  
Products, Inc.  
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### PRODUCT DESCRIPTION

The Hydro Seal™ formulas represent over twenty-five years of research and service in protecting buildings. Hydro Seal™ formulas are breathing types of water repellent sealers blended in stearates, silanes and V.O.C. complying waterborne emulsions — creating a deep penetrating protection.

Hydro Seal™ formulas react with the surface to create a chemical bond, resulting in a highly hydrophobic surface. The additional micro solids in Hydro Seal™ migrate inward to fill hair line cracks thus preventing possible water damage from freeze thaw expansion and staining.

Hydro Seal™ formulas are also effective in efflorescence control. (To remove efflorescence use 600 Pre-Thickened Efflorescence and Lime Dissolver.)

**Basic Use:** Hydro Seal™ formulas are applied to all types of masonry including: brick, stucco, concrete and terra cotta.

Hydro Seal 100™ is a solvent based water repellent coating that dries clear and does not alter the appearance of the surface. It seals to reduce efflorescence, spalling and protects from de-icing salts.

Typical installations are: bridges, parking decks, stadiums, piers, etc.

Hydro Seal 200™ is a heavy solid, solvent based water repellent coating that provides excellent protection and preserves vertical masonry surfaces after restoration from ultra violet rays and salt.

Hydro Seal 300™ is a waterborne emulsion of water repellents and masonry bonding acrylics. Hydro Seal 300™ can be used on damp or dry surfaces.

**Limitations:** Hydro Seal 200™ & Hydro Seal 300™ dry clear with some noticeable color enhancement to the surface. **Caution—** Test for color compatibility before applying.

Both air and surface temperature for any Hydro Seal™ application must be 45°F and rising. If necessary, Hydro Seal™ may be applied at lower temperatures but must be brushed to prevent the surface from becoming cloudy.

Do not apply latex paint over Hydro Seal 100™. Do not apply a coat of paint over Hydro Seal 100™, when applying to concrete floors and surfaces where hydrostatic pressure is present (such as basement walls and floors).

**Precautions:** read the entire material safety data sheet and product label for a more thorough evaluation of hazards before applying.

Protect all adjacent surfaces. When

spraying near vegetation, cover to protect from ovenpray.

Do not store or use near open flame or sparks. Use only with adequate ventilation.

Avoid spray drift onto pedestrians and vehicle traffic.

### TECHNICAL DATA

#### Hydro Seal 100™

Color/Form: clear liquid.

Solid Contents: 10%.

Coverage: approx. 100-200 sq. ft. per gallon depending on density or porosity of the surface.

VOC Content Limit: 600 grams per liter (5.0 lbs. per gallon).

Storage: thickens in cold temperatures. Store indoors at room temperature.

#### Hydro Seal 200™

Color/Form: semi clear liquid.

Solid Contents: 14%.

Coverage: approx. 100-150 sq ft. per gallon depending on density or porosity of the surface.

VOC Content Limit: 600 grams per liter (5.0 lbs. per gallon).

Storage: same as Hydro Seal 100™

#### Hydro Seal 300™

Color/Form: milky white liquid.

Solid Contents: 18%.

Coverage: approx. 100-200 sq ft. per gallon depending on density or porosity of the surface.

VOC Content Limit: less than 600 grams per liter (5.0 lbs. per gallon).

Storage: protect from freezing.

Packaging: one, five and fifty-five gallon containers.

**INSTALLATION**

Preparatory **Work:** a test area should be performed on all elevations prior to beginning overall project to determine precise procedures necessary for proper sealing and to ensure compatibility with the surface.

User shall determine the suitability of the product for its intended use and assume all risk and liability whatsoever in connection therewith.

Surface must be thoroughly dry since Hydro Seal 100™ & 200™ does not penetrate wet or damp surfaces.

Surface should be clean and free from any previous water repellent coating. If needed, clean with Super Bio Strip™ Liquid prior to sealing.

New masonry surfaces should be cured at least 10 days under normal weather conditions before application of Hydro Seal 100™ & 200™.

Masonry repairs such as tuck-pointing should be made prior to application and allowed to cure for 14 days.

**Application:**

- Mix well before using.
- Apply with a brush, roller, or low pressure airless sprayer. (45 P.S.I.) is sufficient pressure to spray.)
- Saturate well on horizontal surfaces, after 15 minutes remove excess Hydro Seal™ by redistributing to a dry area. Always back brush if oversaturation occurs.
- Hydro Seal™ formulas should be applied to saturation with an average 12 inch rundown on vertical surfaces.

**Dry Time;** allow sufficient time for the first coat to penetrate before applying second coat.

Hydro Seal 100™ allow to dry at least 48 hours before applying second coat. (Allow 5 days before painting over)

Hydro Seal 200™ allow to dry at least 24 hours before applying second coat.

Hydro Seal 300™ allow to dry at least 30 minutes before applying additional coat. (Allow 24 hours before painting over.)

Cure time: Hydro Seal 100™ & 200™ 24-48 hours.

Hydro Seal 300™ 2-4 hours.

**Clean Up:** Hydro Seal 100™ & Hydro Seal 200™ use paint thinner.

Hydro Seal 300™ use soapy water.

**AVAILABILITY**

Available through a network of distributors, dealers and representatives established in principal cities across the United States, Canada and Japan.

**NOTICE:** the information and recommendations made herein are based on ABRP, Inc., research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because ABRP, Inc., cannot anticipate every possible application of ABRP, Inc., products, nor anticipate every variation encountered in project surfaces, job conditions, and methods used. For this reason, purchasers shall make their own tests to determine the suitability of such products for a particular purpose. Purchasers assume all risk of use, application and handling of products. Statements concerning the possible use of ABRP, Inc., products are not intended as recommendation to use ABRP, Inc., products in the infringement of any patent.

**LIMITED WARRANTY**

This warranty is valid for one year from the date of purchase. The purchaser of this product shall be entitled to the following, if the product herein is shown to be defective: ABRP, Inc., at its option, will either replace the product or refund the purchase price. Contact ABRP, Inc., to make claim under this warranty. The purchaser must have proof of purchase from label and original sales receipt. Proper surface preparation is essential to the applicability of this warranty. Read and follow label directions.

ABRP, Inc., shall 'not be liable for incidental, consequential or indirect damage arising from the use of this product or the cost of labor involved in its application.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

No other warranties are made, expressed or implied, including without limitation warranties as to MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This limited warranty may not be modified or extended by manufacturer's representatives, distributors or dealers of ABRP, Inc., products.

Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to the purchaser. This warranty gives the purchaser specific legal rights, as well as, other rights which may vary from state to state.

**TECHNICAL SERVICES**

ABRP, Inc., employs in field technical representatives to answer questions for architects, building owners and contractors.

**REFERENCING**

Catalog, product specifications, brochures, list of national registered historical landmarks restored with ABRP, Inc., products and video training tapes are available upon specific request.

ABRP, INC., is on the WORLD WIDE WEB. For more information on many of the specialty building restoration products available to you, please see our home page at <http://www.abrp.com> or e-mail ABRP, Inc. at [abrp@execpc.com](mailto:abrp@execpc.com).

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Hydro Seal 200™; Test results from August 5, 1983.  
One coat of Hydro Seal 200™ is equal to two coats of Hydro Seal 100™

Dry time for recoat (if necessary).....	1-2 hrs.
Penetration .....	1/8-1/2 inch (Approx.)
Lbs./Gal .....	6.60±.01
Solvents .....	Rule 66 mineral spirits, & Alcohol
Flash Point.....	100°F./T.C.C.I
Water Repellency Tests:	
ASTM C-67-73 (Part 7) - (Complete Submersion).....	24hrs. testing time
ASTM C-67-73 (Part 9).....	1/2 hr. = 98.0%
(Partial Submersion).....	5hr. = 98.0%
.....	24hr. = 92.9%
Moisture Vapor Transmission Rate .....	.1 grams/ft <sup>2</sup> /24 hrs./25°C
(Paul M. Gardner Co. Laboratory MVTR Equipment and Leneta Co. controlled paper catalogue #AWKX)	
Outdoor Exposure Tests 72 Months .....	.91.3% Repellency
Surface appearance after coating application.. ..	Unchanged
Yellowing .....	None
Efflorescence Resistance .....	Excellent