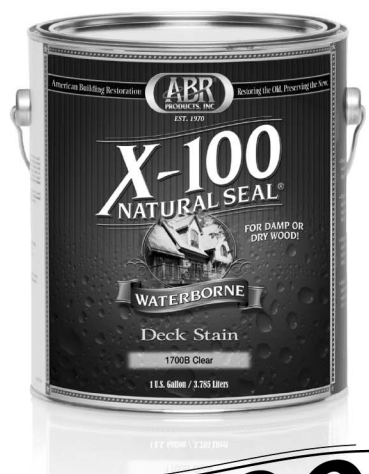


# ABR<sup>®</sup> PRODUCT SPECIFICATIONS



## X-100 NATURAL SEAL<sup>®</sup> WATERBORNE DECK STAIN

*Ideal for...*

- *Composite decking*
- *Wood siding*
- *Rough sawn and smooth cedar*
- *Fences*
- *Wood shingles*
- *Split shake roofs*
- *Exotic hardwoods*

*...for damp or dry  
wood application.*

### MANUFACTURER

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### PRODUCT DESCRIPTION

X-100 Natural Seal<sup>®</sup> Waterborne Deck Stain is a water repellent designed to protect wood against the environmental forces of wind, rain, snow, ice and sun that can promote cracking, splitting, cupping, curling, sap-stain, mold, and mildew. Use X-100 Natural Seal<sup>®</sup> Waterborne Deck Stain on all wood surfaces including cedar, redwood, pine, plywood, T1-11, cypress, fur, dimensional lumber, siding, and decking. X-100 Natural Seal<sup>®</sup> Waterborne Deck Stain is designed to protect wood from the damaging effects of water, Ultra Violet sun light and fungus. X-100 Natural Seal<sup>®</sup> Waterborne Deck Stain is not designed to prevent wood from accumulating dirt and atmospheric pollutants. See deck maintenance for proper cleaning procedures.

### TECHNICAL DATA

**Coverage:** Smooth, dense surfaces 300-400 sq. ft. per gallon. Rough, porous surfaces 150- 250 sq. ft. per gallon. Coverage is dependent upon the porosity of the surface.

**Dry time:** Allow at least 12 hours to dry.

**VOC content limit:** 250 g/L or less

**Packaging:** One, five and fifty-five gallon containers.

### INSTALLATION

**For best results and optimal penetration:**

- For exotic hard woods (i.e. Ipe, Iron Wood, Brazilian Hard Woods) allow 6-12 months of natural weathering before application.
- The surface must be free of dirt, mildew, loose wood fibers, chalky residue and other foreign matter.
- Remove any mill glaze/shiny lumber, tannic acid bleed, rust sealers from fasteners, and weathered grey, dirty wood with X-180 Weathered Wood Restorer<sup>™</sup>.
- If the surface is coated with another finish other than an X-100 Natural Seal<sup>®</sup> finish, strip the finish with Super Bio Strip<sup>™</sup> or other, appropriate ABRP, Inc coatings remover.

- X-100 Natural Seal<sup>®</sup> Waterborne Deck Stain may be applied over any X-100 Natural Seal<sup>®</sup> finish.

- Apply to damp or dry wood.
- Do not apply if rain is imminently forecasted.
- Both surface and air temperature must be between 40°F to 90°F.

### Application:

#### IF YOU HAVE NEW WOOD

Step 1-Clean off debris.

#### DAMP WOOD

- Apply to wood that is DAMP without standing water.
- Mix well and stir occasionally during use.
- Apply X-100 Natural Seal<sup>®</sup> Waterborne Deck Stain with a brush, roller or paint sprayer. *Note:* If using a paint sprayer or roller always back brush immediately to produce even application.
- Apply X-100 Natural Seal<sup>®</sup> Waterborne Deck Stain along the entire length of one board at a time, keeping a wet edge to avoid lap marks.
- If needed apply a second coat for uniformity.
- Clean up with soap and water.

#### DRY WOOD

- Do not apply to wood that is hot to the touch or that is in direct sun light.
- If too hot consider damp wood application
- Mix well and stir occasionally during use.
- Apply X-100 Natural Seal<sup>®</sup> Waterborne Deck Stain with a brush, roller or paint sprayer. *Note:* If using a paint sprayer or roller always back brush immediately to produce even application.
- Apply X-100 Natural Seal<sup>®</sup> Waterborne Deck Stain along the entire length of one board at a time, keeping a wet edge to avoid lap marks.
- If needed apply a second coat for uniformity.
- Clean up with soap and water.

#### IF YOU HAVE OLD, DIRTY OR WEATHERED WOOD

Step 1-Clean wood with X-180 Weathered Wood Restorer<sup>™</sup>.

Step 2-Apply a coat of X-100 Natural Seal<sup>®</sup> Waterborne Deck Stain as described above for damp or dry wood application.

**Note:** Applying any X-100 Natural Seal<sup>®</sup> Finish to weathered, grey or dirty wood will further darken the surface.



American Building Restoration Products, Inc. • Since 1970

## IF YOU HAVE AN EXISTING COATING (i.e. FAILED FINISH)

Step 1-Strip the previous coating with **Super Bio Strip™**.

Step 2-Clean with **X-180 Weathered Wood Restorer™**.

Step 3-Apply a coat of **X-100 Natural Seal® Waterborne Deck Stain** as described above for damp or dry wood application.

## GENERAL DIRECTIONS

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

- Can be applied to damp or dry wood.
- Mix **X-100 Natural Seal® Waterborne Deck Stain** well before using. *Note:* If more than one container of **X-100 Natural Seal® Waterborne Deck Stain** is needed to complete the project mix contents of the containers together.
- General appearance, profile and porosity of the surface will determine the appearance of this product.
- A test area should be performed before beginning overall project to determine the desired look.
- SURFACE AND AIR TEMPERATURE MUST BE ABOVE 40°F.
- **X-100 Natural Seal® Waterborne Deck Stain** can be applied to wood that is damp as long as there is no standing water.
- Do not thin this product.
- Do not apply if freezing temperatures are eminent or if rain is forecasted within 12 hours. Ideal temperature range for application is 40°F to 90°F. See application instructions.

**Caution:** Use extreme caution while walking on a horizontal surface during application. Horizontal surfaces can become slippery during and just after product application. Keep a wet edge to avoid lap marks.

**Dry time:** Allow at least 24 hours to dry. Horizontal surfaces may have different dry times due to wood porosity. Always check horizontal surfaces prior to usage, especially on new decking.

## MAINTENANCE

This product will not protect your deck from getting dirty. Routine maintenance cleaning using **ABR® Deck & Siding Wash** is required to keep up the appearance of your deck.

Deck surfaces are worn by ordinary abrasive foot traffic as well as atmospheric pollutants and dirt. Rainwater alone does not wash such deposits away. After a consistent rainfall squeegee horizontal surfaces, (note: on stubborn dirt areas simply utilize a mild dish detergent and water solution with a mild brushing action). Then rinse with water.

Removal of dirt will require routine washing. Unlike sidewalls, horizontal deck surfaces

may require washing once in spring and once in fall. **X-180 Weathered Wood Restorer™** is recommended. After washing, the wood is conditionally protected but the horizontal surface may require retreatment on an annual basis with a thin maintenance coat of **X-100 Natural Seal® Waterborne Deck Stain**.

**Clean up:** Use soap and water. Should **X-100 Natural Seal® Waterborne Deck Stain** come in contact with surfaces such as glass, paint, metal, caulking or rubber, remove immediately with soap and water. If a spill is dry, clean it with mineral spirits.

**Storage and disposal:** Do not reuse empty can. Keep container closed when not in use. Store in cool place. This product should be kept out of reach of children and stored away from food. Contact state and/or local agencies to ensure compliance with proper disposal regulations.

**Mildew:** This product contains agents that will inhibit mold and mildew growth. However, the growth of mold and mildew will occur on treated and untreated wood and is not a sign of product failure.

**Helpful hints:** When a natural cedar color is desired and for further color fastness use **X-100 Natural Seal® Waterborne Deck Stain Cedar Tone Gold**. For further protection, apply **X-100 Natural Seal® Waterborne Deck Stain** on all sides of the wood.

**Precautions:** Read the entire material safety data sheet and product label for a more thorough evaluation of hazards. Fully protect all adjacent surfaces, as well as, general work area. When spraying near vegetation, cover plant life with cardboard or other suitable material in case of over spray.

May be harmful or fatal if swallowed. May be irritating to eyes and skin. Avoid breathing vapors. Use only in adequately ventilated areas. Use appropriate respirator during spray application. If you experience eye watering, headaches or dizziness, increase respiratory protection. (NIOSH TC23C or equivalent) or leave the area.

## 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 a manufacturer-direct personal assistance staff and 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, demonstrating a variety of cleaning and restoration projects performed with ABRP, Inc., products, 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@abrp.com](mailto:abrp@abrp.com).