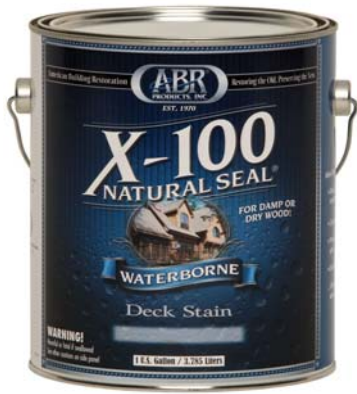




# PRODUCT SPECIFICATIONS



**PRODUCT NAME**  
**X-100 Natural Seal®**  
**Waterborne Deck Stain**

**MANUFACTURER**  
American Building Restoration  
Products, Inc.  
9720 South 60th Street  
Franklin, WI 53132  
(414) 421-4125  
1-800-346-7532 (Orders Only)  
Fax (414) 421-8696  
[www.abrp.com](http://www.abrp.com)

**PRODUCT DESCRIPTION**  
**X-100 Natural Seal® Waterborne Deck Stain** is a water repellent that accentuates the natural beauty of exterior wood. **X-100 Natural Seal® Waterborne Deck Stain** is designed to penetrate the wood, protecting against cracking, splitting, cupping, curling, sap stain, mold and mildew and against the environmental forces of wind, rain, snow, ice and sun.

**X-100 Natural Seal® Waterborne Deck Stain** can be applied to **DAMP** or **DRY** wood.

**X-100 Natural Seal® Waterborne Deck Stain** is V.O.C. compliant and is available in transparent and semi-transparent stains. **X-100 Natural Seal® Waterborne Deck Stain** is for use on exterior wood surfaces including decks and fences, cedar, pine, redwood, pressure treated pine,

plywood, T1-11, cypress, fir, spruce and exotic hardwoods.

## TECHNICAL DATA

**Coverage:** Smooth, dense surfaces 300-400 sq. ft. per gallon.

Rough, porous surfaces 150-250 sq. ft. per gallon. Coverage is dependant upon the porosity of the surface.

**VOC content limit:** less than 250 grams per liter VOC

**Packaging:** one and five gallon containers.

## INSTALLATION

Read label instructions and specification sheet carefully. Stain color will vary depending upon the color and porosity of the wood surface. Before proceeding always stain a test area to ensure desired appearance, penetration and proper drying time.

**Surface Preparation:** Proper surface preparation is vital. Product performance and durability are directly affected and will be impaired by unsound or poorly prepared surfaces. It is crucial that the surface be clean of all dirt, mildew, tannin stains, loose wood fibers and other foreign matter. Surfaces must be absolutely dry and in good condition.

**Restrictions:** Do not apply when air or surface temperature is below 50°F or above 90°F. Do not apply over previously painted or sealed surfaces, metal, masonry or to fresh stucco. Do not thin this product. Not intended for interior use. For exterior use only.

## PROPER SURFACE PREPARATION

### EXISTING COATING

Strip the existing finish with **Super Bio Strip™** or **ABR Fast Finish Remover®**. Finish the removal process by cleaning the wood with **X-180 Weathered Wood Restorer™**.

**Note:** Before beginning removal process test to determine removal product suitability, dwell time and dilution ratio if applicable.

Failure to remove the existing coating will cause unsatisfactory finish results. Removal of the existing coating by methods other than what is specified may produce unsatisfactory finish results.

### WEATHERED WOOD

Wood with no finish that is simply weathered should be cleaned with **X-180 Weathered Wood Restorer™** and a stiff bristle brush, or power washed (with low pressure) to remove the surface layer of all loose wood fibers, dirt, mildew, chalky residue, tannin bleed, nail and metal stains and other foreign matter.

### NEW WOOD

For exotic hardwoods (Ipe, Ironwood, Brazilian hardwoods) allow 6-12 months of natural weathering before application. For other wood, remove mill glaze/shiny lumber, tannic acid bleed, rust stains from fasteners, weathered grey and dirty wood with **X-180 Weathered Wood Restorer™**.

**Mildew:** Remove mildew on the surface prior to staining with **X-180 Weathered Wood Restorer™** (see surface preparation). Mildew is not caused by the stain, nor does it indicate stain failure.

**Extractive Bleeding:** Extractive bleeding is not caused by the stain, nor is it a stain failure. Use **X-180 Weathered Wood Restorer™** to remove discoloration caused by extractive bleeding. Follow directions on label.

### DIRECTIONS FOR USE

A test area should be performed before beginning overall project to determine the amount of **X-100 Natural Seal® Waterborne Deck Stain** the wood will absorb and dry time to achieve the desired look.

Fully protect all adjacent surfaces, as well as the general work area. When



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# PRODUCT SPECIFICATIONS

spraying near vegetation, cover plant life with cardboard or other suitable material in case of overspray.

## APPLICATION – DAMP WOOD

1. Mix **X-100 Natural Seal® Waterborne Deck Stain** well before using and stir occasionally during use.
2. Apply with a brush, roller or paint sprayer. Work vigorously into all surfaces. If using a paint sprayer or roller always back brush immediately to prevent lap marks.
3. Apply **X-100 Natural Seal® Waterborne Deck Stain** along the entire length of one board at a time, keeping a wet edge to prevent lap marks.
4. If needed, apply a second coat for uniformity.

## APPLICATION – DRY WOOD

1. Do not apply to wood that is hot to the touch or that is in direct sunlight. If wood is too hot, consider damp wood application
2. Mix **X-100 Natural Seal® Waterborne Deck Stain** well before using and during use.
3. Apply with a brush, roller or paint sprayer. Work vigorously into all surfaces. If using a paint sprayer or roller always back brush immediately to prevent lap marks.
4. Apply **X-100 Natural Seal® Waterborne Deck Stain** along the entire length of one board at a time, keeping a wet edge to prevent lap marks.
5. If needed, apply a second coat for uniformity.

**Caution:** Use extreme caution while walking on a horizontal surface during application. Horizontal surfaces can become slippery during and after product application.

**DRY TIME:** Allow at least 12 hours to dry. Horizontal surfaces may have different dry times due to wood

porosity. Always check surfaces prior to usage, especially on decking.

**Helpful Hints:** For further protection, apply **X-100 Natural Seal® Waterborne Deck Stain** on all sides of the wood.

**CLEAN UP:** Soap and water.

## MAINTENANCE

This product will not protect your deck from getting dirty. Regular 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 wash with a mild solution of dish detergent and water with light brushing action). Rinse deck with water.

Removal of dirt will require washing in the spring and fall using **X-180 Weathered Wood Restorer™**. 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**.

## AVAILABILITY

Available through distributors and dealers across the United States and Canada. **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 product purchase. Purchaser's claims recovery is limited solely to the following warranty from ABRP,

Inc., 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 the label and the original sales receipt. Proper surface preparation is essential to the product's performance and is a necessary prerequisite for triggering ABRP, Inc.'s obligation under this warranty. Read and follow label directions and observe all safety precautions in the use of this product. ABRP, Inc., further disclaims, and shall not be liable for, incidental, consequential or indirect damage and/or personal injuries including death arising from the use of this product or the cost of labor involved in its application or any re-application of product that is replaced. **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. IN ALL EVENTS, ABRP, INC.'S LIABILITY SHALL BE LIMITED SOLELY TO REPLACEMENT OF THE PRODUCT PROVIDED ABOVE.** This limited warranty may not be modified or extended by manufacturer's representatives, distributors or dealers of ABRP, Inc., products. This warranty gives the purchaser specific legal rights, as well as rights which may vary from state to state. ABRP, Inc. specifically disclaims any and all other obligations or liability to any party relative to the sale, use or application of its products.

## 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 demonstrating a variety of cleaning and restoration projects being performed with ABRP, Inc. products are available upon request. 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).

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