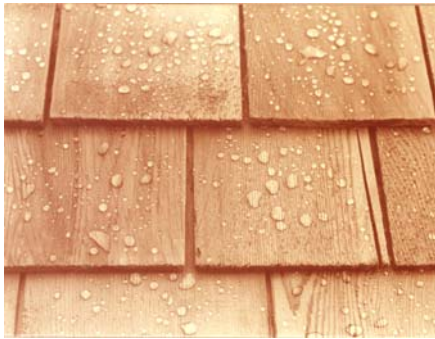




# PRODUCT SPECIFICATIONS



## PRODUCT NAME X-100 Natural Seal® Roof Grade

MANUFACTURER  
American Building Restoration  
Products, Inc.  
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**PRODUCT DESCRIPTION**  
X-100 Natural Seal® Roof Grade is an oil based, penetrating water repellent for application to split or sawn cedar shake shingles. X-100 Natural Seal® Roof Grade 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® Roof Grade is V.O.C. compliant and is available in transparent and semi-transparent stains.

**TECHNICAL DATA**  
**Coverage:** 75-150 sq. ft. per gallon, depending on porosity of surface.  
**VOC content limit:** less than 250 grams per liter VOC  
**Packaging:** five and fifty-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.

### PROPER SURFACE PREPARATION

**EXISTING COATING**  
Strip the existing finish with **Super Bio Strip™** or other, appropriate **ABRP, Inc** coatings 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**  
Surface must be dry with moisture below 15%. 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® Roof Grade** 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 spraying near vegetation, cover plant life with cardboard or other suitable material in case of overspray.

**Restrictions:** Do not apply when air or surface temperature is below 50°F. Do not apply over wet or damp surfaces or when rain is imminent. 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.

### APPLICATION

1. Mix **X-100 Natural Seal® Roof Grade** well before using. Apply with a brush or low pressure sprayer.
2. Apply as much **X-100 Natural Seal® Roof Grade** as the wood will absorb.
3. To avoid runs and streaking, back brush product into all surfaces before drying. Work vigorously into all surfaces.

**DRY TIME:** Allow at least 24 hours to dry.

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



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**CLEAN UP:** Use mineral spirits or dish detergent and water. If **X-100 Natural Seal® Roof Grade** should get on surfaces such as glass, paint, metal, caulking or rubber, remove immediately with dish detergent. If a spill is dry, clean with mineral spirits.

## 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

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## 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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