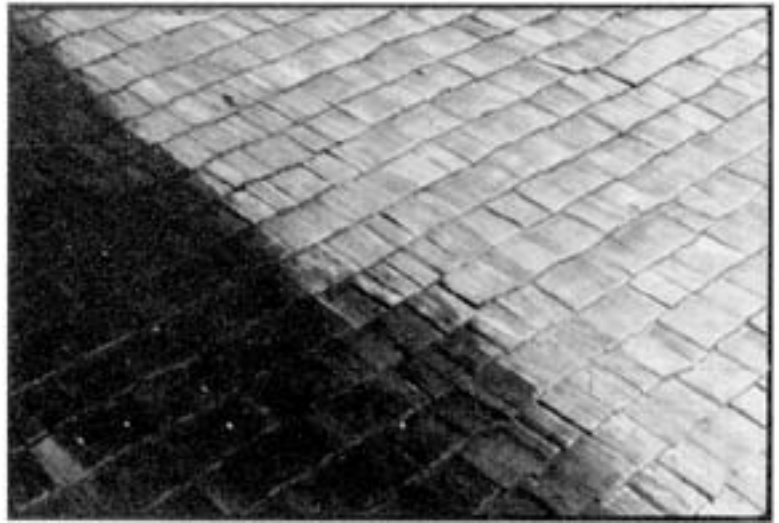




Restoring, beautifying, preserving wood and stone surfaces.

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## X-180 WEATHERED WOOD RESTORER™ PRODUCT SPECIFICATIONS

### PRODUCT NAME

**X-180 Weathered Wood Restorer™  
Regular**

**X-180 Weathered Wood Restorer™  
Concentrate**

### MANUFACTURER

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

**Basic Use:** X-180 Weathered Wood Restorer™ was developed because exterior wood surfaces, including decks and shake roofs, become discolored from dirt and general weathering. X-180 Weathered Wood Restorer™ counteracts the weathering process by eliminating years of fungus and discoloration from cedar, redwood, and other types of wood. It cleans and restores wood surfaces back to the appearance of new lumber.

**Using high pressure water alone to clean wood will create damage to wood fibers as well as, uneven stop and start marks. Water alone will not remove the fungus growth in the fibers.**

**Caution:** household bleaching solutions (namely Sodium Hypochlorite) harm the environment, and will not produce a new natural wood color. Using bleach to clean wood may produce a chemical reaction to the

outer wood fiber forming a film, causing future adherence and penetration of stains and paints to fail and separate.

**X-180 Weathered Wood Restorer™** is a biodegradable blend of oxalic and inorganic acids combined with a nonionic surfactant.

**Limitations:** X-180 Weathered Wood Restorer™ will not remove any paint, stain or clear finish that is in sound condition. X-180 Weathered Wood Restorer™ may dull painted and metal surfaces if it is not rinsed off quickly. X-180 Weathered Wood Restorer™ will not bring back a natural wood color to pressure treated green lumber since its color was previously lost in the original treatment of the wood.

**Precautions:** read the entire Material Safety Data Sheet and product label for a more thorough evaluation of hazards. Beware of wind drift onto auto and pedestrian traffic when rinsing or applying X-180 Weathered Wood Restorer. Fully protect all adjacent surfaces, especially aluminum. **Do not allow X-180 Weathered Wood Restorer™ to splash or dry onto adjacent surfaces. Immediately rinse with water any residue that comes in contact with adjacent surfaces.** Unlike bleach and detergents, X-180 Weathered Wood Restorer™ is not considered a strong defoliant. However the use of breathing types of drop cloths to protect delicate and/or adjacent vegetation is recommended.

### TECHNICAL DATA

**Color/Form:** clear liquid.

### X-180 WEATHERED WOOD RESTORER™ REGULAR & CONCENTRATE

**Coverage:** 150 to 250 sq. ft. per gallon when diluted according to instructions. **Note:** coverage will also vary depending on the porosity of wood. Rough sawn wood will require more X-180 Weathered Wood Restorer™ than smooth wood.

**Packaging:** one, five and fifty-five gallon containers, X-180 Weathered Wood Restorer™ Concentrate is only available in one and five gallon containers.

### INSTALLATION

**Preparatory Work:** thoroughly sweep surface to be cleaned.

A test area should be cleaned prior to beginning overall project to determine precise procedures necessary for most effective cleaning.

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

### X-180 WEATHERED WOOD RESTORER™ REGULAR:

1. For economical purposes, X-180 Weathered Wood Restorer™ Regular may be diluted by using 1 part X-180 Weathered Wood Restorer™ Regular to 1 part hot water. That is, 1 gallon of X-180 Weathered Wood Restorer™ Regular makes 2 gallons.

Note: always test to determine if dilution is effective in cleaning. For stubborn, embedded stains, use full strength.

### **X-180 WEATHERED WOOD RESTORER™ CONCENTRATE:**

1. Mix 1 part **X-180 Weathered Wood Restorer™ Concentrate** to 4 parts **hot water**. For example, 1 gallon of **X-180 Weathered Wood Restorer™ Concentrate** yields 5 gallons.

**Note:** for easy to clean surfaces **X-180 Weathered Wood Restorer™ Concentrate** or **Regular** may be diluted beyond recommended dilution ratios of hot water. Always test to determine if dilution is effective in cleaning.

**Mix well before using.** Crystals forming in bottom of container will dissolve in hot water. This will not effect the product performance.

#### **Application :**

1. Apply **X-180 Weathered Wood Restorer™** with a brush, roller, ABRP Poly Tank Hand Pump Sprayer, or Lift 'N Spray electric applicator pump. During dwell time, scrub moderately with stiff fiber scrub brush.
2. Let **X-180 Weathered Wood Restorer™** do most of the work by allowing it to stand on surface for approximately 5 to 15 minutes or as determined by test procedure.
3. Using a garden hose with maximum pressure, rinse away dirt and discoloration. Deeper stains may require additional scrubbing with full strength **X-180 Weathered Wood Restorer™** using a stiff fiber scrub brush. **For best results** use a pressure washer at 500 to 1000 PSI (adjust pressure accordingly to prevent damage to wood fiber). This is more effective in removing dead wood fiber and thick moss from wood surfaces, than hand scrubbing and rinsing with a garden hose, especially on cedar surfaces.

Note: on smooth new decking lumber, remove mill glaze\* by using **X-180 Weathered Wood Restorer™**. Rinse with a pressure washer or agitate deck with stiff fiber scrub brush, then rinse thoroughly with a garden hose. (Pressure washing is more effective in removing mill glaze than scrubbing and rinsing with a garden hose, especially on new cedar surfaces).

**\*MILL GLAZE, a smooth, glossy surface (waxy film) found on smooth, newly mill sawn lumber which is impervious to most coatings.**

**Caution: X-180 Weathered Wood Restorer™** is slippery when applied to surface. Use extreme caution when washing surface, especially roofs. Use OSHA approved safety belts and non-slip steel pegged roof shoes when necessary.

**Clean up:** water flush shrubbery, sidewalks, blacktop, asphalt, equipment and all adjacent surfaces **immediately** upon contact.

#### **MAINTENANCE**

To protect newly restored wood from ultra violet damage, moisture, and fungus growth, follow up the **X-180 Weathered Wood Restorer™** complete wood restoration process with a coating of our **X-100 Natural Seal® Wood Preservative**. Wood must be completely dry after the **X-180 Weathered Wood Restorer™** application. Allow 2 to 3 days of good drying weather before the **X-100 Natural Seal®** is applied. Use a wood moisture meter to measure the moisture content in the wood before coating.

Note: failure to treat wood after cleaning will result in the weathering process to return more rapidly than it originally took to occur at first.

#### **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).