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Restoring, beautifying, preserving wood and stone surfaces.

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X-100 NATURAL SEAL[®] WOOD PRESERVATIVE PRODUCT SPECIFICATIONS

PRODUCT NAME

X-100 NATURAL SEAL[®]
Preservative & Stain in One

MANUFACTURER

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Products, Inc.

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PRODUCT DESCRIPTION

Basic Use: X-100 Natural Seal[®] formula is a wood preservative consisting of essential wood protecting ingredients blended in a paraffinic oil which is non-sensitive to ultraviolet rays. X-100 Natural Seal[®] is designed to penetrate wood.

The X-100 Natural Seal[®] unique oil-borne system is E.P.A. registered and V.O.C. compliant. X-100 Natural Seal[®] protects against the environmental forces of wind, rain, snow, ice and sun. X-100 Natural Seal[®] is formulated with a maximum amount of solid content. This means more protection stays in the wood and is not lost in the atmosphere.

X-100 Natural Seal[®] is for use on all vertical wood surfaces susceptible to moisture damage including cedar, redwood, pine, plywood, TI-11, cypress, fir, dimensional lumber, logs and roofs.

X-100 Natural Seal[®] is available in ultra transparent stains with natural oxides. The ultra transparent technology enables the natural wood grain to show through allowing for a natural wood finish. For optimal color fastness and U.V. wood stabilization use X-100 Natural Seal[®] Pre Finish.

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 overspray.

Environmental Hazards: this product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment washwaters. Do not use on wood that will be in direct contact with soil.

TECHNICAL DATA

Coverage: Sidewalls - smooth or rough sawn lumber including logs, first coat, 100 sq. ft. per gallon, second coat 200 sq. ft. per gallon.

Roofs - 75 to 150 sq. ft. per gallon, depending on porosity of surface.

Decks - See X-100 Natural Seal[®] Deck Finish for deck and horizontal surface applications.

VOC content limit: less than 550 grams per liter (4.6 lbs. per gallon).

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

INSTALLATION

FOR BEST RESULTS AND OPTIMAL PENETRATION: APPLY TO DRY WOOD. DO NOT APPLY IF RAIN IS IMMINENTLY FORECASTED. BOTH SURFACE AND AIR TEMPERATURE MUST BE ABOVE 50°F.

PROPER SURFACE PREPARATION

IF YOU HAVE NEW WOOD

Step 1 - Clean off debris.

Step 2 - Apply a first coat of X-100 Natural Seal[®] Pre Finish.

Step 3 - For Sidewalls and Roofs, apply a second coat of X-100 Natural Seal[®].

IF YOU HAVE OLD, DIRTY OR WEATHERED WOOD

Step 1 - Clean wood with X-180

Weathered Wood Restorer[™]

Step 2 - Apply a first coat of X-100 Natural Seal[®] Pre Finish.

Step 3 - For Sidewalls and Roofs, apply a second coat of X-100 Natural Seal[®].

Note: applying any X-100 Natural Seal[®] Finish to weathered, grey or dirty wood will further darken the surface.

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 first coat of X-100 Natural Seal[®] Pre Finish.

Step 4 - For Sidewalls and Roofs, apply a second coat of X-100 Natural Seal[®].

GENERAL DIRECTIONS

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

Mix X-100 Natural Seal[®] well before using. A test area should be performed prior to beginning overall project to determine the amount of X-100 Natural Seal[®] the wood will absorb, dry time, wood porosity and total desired look.

SIDEWALL APPLICATION

1. Apply **X-100 Natural Seal® Pre Finish** with a brush or low pressure sprayer. Work vigorously into all surfaces. If using a low pressure sprayer **always back brush** into surface.
2. After **X-100 Natural Seal® Pre Finish** has flash dried, which may take 30 minutes or longer, top coat with **X-100 Natural Seal®**. Using the **X-100 Natural Seal®** two coat system will yield the best results.
3. Apply the top coat of **X-100 Natural Seal®** with a brush or low pressure sprayer.
4. Apply as much **X-100 Natural Seal®** as the wood will absorb.
5. To avoid runs and streaking, back brush product from surfaces before drying. Rough sawn wood will generally absorb more product evenly; however, it will still require back brushing.
6. Keep a wet edge to avoid lap marks.
7. If the wood can absorb more **X-100 Natural Seal®** and extra protection or more depth of color is desired, apply a third coat at a later date.

ROOF APPLICATION

Note: for optimal color fastness and U.V. wood stabilization, refer to sidewall application step - 1.

1. Apply **X-100 Natural Seal®** with a brush, low pressure sprayer or heavy nap roller. Saturate well.
2. To avoid runs and streaking, back brush product from surfaces before drying. Rough sawn wood will generally absorb more product evenly.
3. Keep a wet edge to avoid lap marks.
4. If the wood can absorb more **X-100 Natural Seal®** and extra protection or more depth of color is desired, apply an additional coat at a later date.

Caution: use extreme caution while walking on a treated surface during application. Surfaces can become slippery during and just after product application.

Dry time: allow at least 24 hours to dry.

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

Storage: 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.**

Disposal: do not reuse empty can. Wrap can and place in trash. Leaking or damaged containers should be placed in a plastic bag and discarded. Contact local, state, or federal agencies to ensure compliance of proper disposal methods and respective regulations.

Helpful Hints: when a natural cedar color is desired and for further color fastness use **X-100 Natural Seal® Cedar Tone** Gold. For further protection, apply **X-100 Natural Seal® Pre Finish** and **X-100 Natural Seal®** on all sides of the wood. If the application must be interrupted, stop at a corner as opposed to the middle of the wall.

AVAILABILITY

Available through a network of distributors, representatives and dealers 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 a 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.

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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 nationally 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.