

ABR[®] PRODUCT SPECIFICATIONS



PRODUCT NAME X-100 NATURAL SEAL[®] Pre Finish[™]

MANUFACTURER
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PRODUCT DESCRIPTION
X-100 Natural Seal[®] Pre Finish[™] is an oil-based, low VOC penetrant and stabilizer designed as the first step in a two step process for use on horizontal and vertical wood surfaces.

X-100 Natural Seal[®] Pre Finish[™] is designed to protect wood from ultraviolet radiation, water intrusion and ultimate log/wood degradation by integrating metallic UV inhibitors and zinc borates with water repellents within its formula. Scientific studies have shown that applying a UV log/wood pre-finish/stabilizer will ultimately protect future finishes from cracking, chipping, peeling and fading. X-100 Natural Seal[®] Pre Finish[™] extends color fastness while addressing certain harsh elevation and climate conditions. This is achieved by isolating certain solvent-borne wood stabilizing ingredients. These ingredients enable the X-100 Natural Seal[®] Pre Finish[™] to penetrate the wood to deeper levels, enabling the

colorant to migrate further within the wood, which ultimately extends the life of the finish. X-100 Natural Seal[®] Pre Finish[™] stabilizes the wood, protecting the second semi-transparent coat by bonding with the initial pre-finished/stabilized 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 overspray.

Environmental Hazards: This product maybe toxic to fish. Do not apply directly to water, to areas where surface water is present or to inter tidal 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:
New, dense or unseasoned wood - 300 to 400 sq. ft. per gallon, depending on porosity of surface.
Old, seasoned or weathered wood - 200 to 300 sq. ft. per gallon, depending on porosity of surface.

VOC content Limit: Less than 550 grams per liter.

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

FOR BEST RESULTS AND FOR 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 OR OLD, DIRTY OR WEATHERED WOOD-

(Including sidewalls, decks, fences, dimensional lumber, roofs, logs and most other wood/log structures.)

1. Clean with X-180 Weathered Wood Restorer[™] or other ABR[®] Product.
2. Apply a coat of the stabilizing X-100 Natural Seal[®] Pre-Finish[™]. If color is

desired, select from a wide variety of pre-mixed, ready-to-use X-100 Natural Seal[®] Pre-Finish[™] transparent and solid color stains.

3a. For Sidewalls: Once the X-100 Natural Seal[®] Pre-Finish[™] is applied, your wood has sufficient protection for 12 months or longer before applying the recommended X-100 Natural Seal[®] finish coat. (If additional color depth is desired, it might be necessary to reapply X-100 Natural Seal[®] Pre-Finish[™] before the finish coat.)

3b. For Decking: Once the X-100 Natural Seal[®] Pre-Finish[™] is applied, your wood has sufficient protection for 1-3 years before applying an additional *maintenance coat of X-100 Natural Seal[®] Pre-Finish[™]. (It is not required to apply a finish coat on decking.) *Maintenance coat for decks is defined as a thin wiped on, smoothed out application and is great for rejuvenating color!

It is recommended to clean all surfaces with ABR[®] Deck and Siding Wash on an annual basis or as needed and always before reapplication of X-100 Natural Seal[®] products.

Follow the complete X-100 Natural Seal[®] product specification sheets for detailed instructions.

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

1. Strip the previous coating with the recommended ABR[®] product. Note: Before beginning the overall stripping project, test panels should always be made on all elevations to conclude satisfactory performance and dwell time. Follow the complete ABR[®] product instructions.

2. Follow Steps 1-3 as stated above.

GENERAL DIRECTIONS

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



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

1. Apply X-100 Natural Seal[®] Pre Finish[™] with a brush, long handled staining pad or low pressure sprayer. Work vigorously into all surfaces. If using a low pressure sprayer always back brush into surface. Do not allow product to puddle. Wipe off excess product.
2. Apply as much X-100 Natural Seal[®] Pre Finish[™] as the wood will absorb to reach a uniform appearance. Note: The same piece of wood may absorb differently in areas, so it may require a wet on wet application to even out penetration.
3. Keep a wet edge to avoid lap marks.

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

Dry time: Each wood surface may have different dry times due to wood porosity. Under optimal conditions X-100 Natural Seal[®] Pre Finish[™] will flash dry in approximately 30 minutes. Always check wood surfaces prior to usage.

Clean up: Use mineral spirits or dish detergent and water. Should X-100 Natural Seal[®] Pre Finish[™] 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 a 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.

AVAILABILITY

Available through a network of distributors, dealers and representatives established in principal cities across the United States, Canada and Japan.

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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 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.

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