

IMPORTANT APPLICATION INFORMATION

• Fasteners- NatureWood products are designed for long term performance in outdoor applications and, therefore, require high quality corrosion-resistant nails, screws, and other fasteners and hardware.

Fasteners (and other metal products) for use with NatureWood preserved wood products include:

- Hot-Dip Galvanized**

Fastener and hardware manufacturers have suggested the minimum Hot-Dip Galvanized requirements for use with treated wood should conform to the following ASTM Standards: ASTM-A153 (for Hot-Dip fastener products) and ASTM- A 653 (Coating Designation G-185 for Hot-Dip connector and sheet products).

- Stainless Steel

Stainless steel fasteners and connectors are required for Permanent Wood Foundations below grade and are recommended for use with treated wood in other severe exterior applications such as swimming pools, salt water exposure, etc. Type 304 and 316 are the recommended grades to use.

- Other fasteners and hardware as recommended by the manufacturer

There may be additional products (other than stainless steel or hot-dip galvanized) which are suitable for use with NatureWood treated wood. Please consult with the individual fastener or hardware manufacturer for recommendations for use of their products with NatureWood treated wood.

- Aluminum should not be used in direct contact with NatureWood treated wood

Spacer materials or other physical barriers are recommended to prevent direct contact of NatureWood treated wood and aluminum products.

When using NatureWood preserved wood in close proximity to aluminum products, such as aluminum siding, flashing, furniture and door and window frames, a 1/4" minimum space must be allowed for between the NatureWood and the aluminum products. Polyethylene or nylon spacers can be used to maintain the 1/4" spacing. Another option is to use a polyethylene barrier, with a minimum thickness of 10 mils, between the NatureWood preserved wood and the aluminum product to prevent direct contact of the wood and the aluminum.

• When appearance permits, attach boards bark side up. As a general rule, attach boards bark side up (annual rings arc upward) to reduce cupping; however, the best face should be placed up when a defect of the wood is apparent. Fasten thin boards to thicker boards to maintain structural integrity.

• Drill pilot holes - Drill pilot holes especially when nailing or screwing near the edge or end of a board. Pilot holes will help minimize splitting.

• Deck board spacing - Should the wood become wet during construction, butt deck boards together. As drying occurs, some shrinkage can be expected. If the wood is dry, allowing for shrinkage is not necessary.

• Use an endcoat preservative - Brush-on endcoat wood preservative is recommended on all saw cuts and into drill holes during construction of wood projects. Also apply on areas where moisture can collect. Follow manufacturer's recommendations.

• Apply a weather-resistant finish - Any exposed wood, pressure treated or not, should be protected from the weather. Application of a quality clear water repellent or semi-transparent stain, which contains water repellent, will help minimize the cycles of moisture take-up and loss the wood goes through outdoors. First, determine if your NatureWood product has been pressure treated with a factory applied water repellent by looking at the end tag. If not factory water repellent treated, thoroughly clean your project with a deck cleaning product. Clear water repellent can be immediately applied to your deck or other project. If you choose to use a semi-transparent stain which contains a water repellent, you need to first check that your project is surface dry. Either wait until the surface is dry or immediately apply clear water repellent and wait approximately 8 weeks and then apply your chosen color of semi-transparent stain.

If the NatureWood products contain a factory water repellent, an oil based stain can be applied in 30 - 60 days and water based stains can be applied after 6 months. Check that the wood is surface dry before applying stain. In all instances follow the manufacturer's directions when applying water repellents or semi-transparent stains which may contain water repellent.

**Electroplated galvanized fastener and metal products are typically not accepted by the building codes for use in exterior applications, regardless of the type of wood used.

IMPORTANT INFORMATION

- Do not burn preserved wood.
- Wear a dust mask and goggles when cutting or sanding wood.
- Wear gloves when working with wood.
- Some preservative may migrate from the treated wood into soil/water or may dislodge from the treated wood surface upon contact with skin. Wash exposed skin areas thoroughly.
- All sawdust and construction debris should be cleaned up and disposed of after construction.
- Wash work clothes separately from other household clothing before reuse.
- Preserved wood should not be used where it may come into direct or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges.
- Do not use preserved wood under circumstances where the preservative may become a component of food, animal feed, or beehives.
- Do not use preserved wood as mulch.
- Only preserved wood that is visibly clean and free of surface residue should be used.
- If the wood is to be used in an interior application and becomes wet during construction, it should be allowed to dry before being covered or enclosed.
- Disposal Recommendations - Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state, and local regulations.
- If you desire to apply a paint, stain, clear water repellent, or other finish to your preservative treated wood, we recommend following the manufacturer's instructions and label of the finishing product. Before you start, we recommend you apply the finishing product to a small exposed test area before completing the entire project to insure it provides the intended result before proceeding.
- Projects should be designed and installed in accordance with federal, state, and local building codes and ordinances governing construction in your area and in accordance with the National Design Specifications (NDS) and the Wood Handbook.
- Mold growth can and does occur on the surface of many products, including untreated and treated wood, during prolonged surface exposure to excessive moisture conditions. To remove mold from the treated wood surface, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mold. For more information visit www.epa.gov.

**For more information contact your distributor,
call 1-800-241-0240, or visit www.osmosewood.com**



**RESIDENTIAL & AGRICULTURAL
LIMITED WARRANTY**



NATUREWOOD® products provide retailers, treaters, consumers, builders and architects an option in their selection of preserved wood products. The preservative technology in NatureWood products has been commercially used since 1991 throughout Europe, Asia, and the United States. NatureWood products can be used for many backyard and commercial projects such as decks, fences and landscaping. Here's why:

- ✓ NatureWood products are durable and designed for outdoor construction
- ✓ Lifetime Residential and Agricultural Limited Warranty
- ✓ For structural lumber, sill plates, outdoor furniture, playground products, patios, decks, garden edging, and landscaping structures
- ✓ Building code compliant
- ✓ Copper-based preservative with a co-biocide, also known as alkaline copper quaternary compounds
- ✓ Preservative system meets American Wood Protection Association standards

The main active ingredient in the NatureWood preservative system is copper, which has long been known as an effective wood preservative. The copper is coupled with a quaternary compound (quat) co-biocide for enhanced performance against copper-tolerant fungi and insects.

Handling, construction techniques and the general characteristics of NatureWood products are similar to those of traditional treated wood. Most important, treated wood products have proven around the world to reduce demands on forest resources by greatly extending the life of wood.

NatureWood warranted products are available in many softwood species. Approved uses include: ABOVE GROUND 5/4" Decking & Specialties (0.15 pcf sapwood species and 0.20 pcf heartwood species), ABOVE GROUND GENERAL USE (0.20 pcf for sapwood and heartwood species), and GROUND CONTACT (0.40 pcf for sapwood and heartwood species). NatureWood products as described in ICC - ES Reports, ESR-1980, meet all major model building code requirements.

THE NATUREWOOD® LIFETIME RESIDENTIAL & AGRICULTURAL LIMITED WARRANTY

Original consumer purchasers or "first-owners" of specific NatureWood brand wood products are eligible for this LIFETIME LIMITED WARRANTY. Subject to all the terms and conditions of this warranty, Osmose, Inc. (Osmose) will replace any NatureWood brand wood products produced by a licensed independently owned and operated treating facility used in, or in conjunction with, residential or agricultural applications that structurally fail* in service due to rot, fungal decay or termite attack during the warranty term."

"FIRST-OWNER" COVERAGE

To qualify for the NatureWood NONTRANSFERABLE LIFETIME RESIDENTIAL & AGRICULTURAL LIMITED WARRANTY, you must be the owner-of-record of the property at the time NatureWood brand wood products are installed, or if the warranted wood was installed by a builder-contractor-owner, "first-owner" means the owner-of-record first acquiring the property from the builder-contractor-owner. The NatureWood warranty is not transferable from the first-owner to subsequent owners of the property.

TO IDENTIFY A NATUREWOOD BRAND WOOD PRODUCT, LOOK FOR THE NATUREWOOD END TAG OR INK STAMP

It's easy to identify warranted NatureWood brand wood products. Simply look for the plastic end tag or ink stamp on each piece of NatureWood brand wood. Make sure you receive and retain all NatureWood proof-of-purchase certificates or end tags as well as the original purchase invoice(s) from your dealer or contractor. In the event of a claim, it will be necessary to present this documentation for all materials claimed.



WHAT THE WARRANTY COVERS

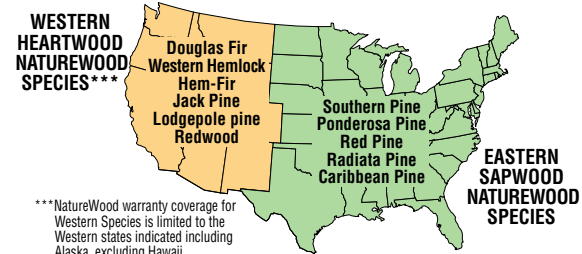
The NatureWood Limited Warranty covers only NatureWood brand wood products from the date of purchase by the first-owner against structural failure caused by fungal decay or termites. *For purposes of this warranty, structural failure is defined as the inability of a given member to perform its intended function due to rot, fungal decay, or termite attack. The terms "rot" and "fungal decay," as used in this warranty, mean attack by wood-destroying fungi that disintegrate the wood cell walls, but exclude surface mold, mildew, and/or fungi associated with the "weathering" of wood. "Weathering" of wood is not decay, fungal decay, or rot of any type or definition. The obligation of Osmose under the terms of this warranty, in Osmose's sole discretion, is limited to replacement or refund up to the original purchase price of NatureWood brand wood products.

Terms of Warranty—NatureWood brand treated wood products:

A Lifetime Limited Warranty for NatureWood brand wood products treated with Alkaline Copper Quaternary Compounds for ABOVE GROUND 5/4" Decking & Specialties (treated to minimum 0.15 pcf preservative retention level for sapwood species and 0.20 pcf preservative retention level for heartwood species), ABOVE GROUND GENERAL USE (0.20 pcf preservative retention level for sapwood and heartwood species), and GROUND CONTACT (0.40 pcf preservative retention level for sapwood and heartwood species) used in residential or agricultural applications.

WARRANTY EXCLUSIONS

Osmose is not responsible for any damage to NatureWood brand wood products used in commercial or industrial structures, wood foundation systems, wood exposed to salt water, or any cause other than rot, fungal decay, or termite damage. This warranty does not cover building poles or building timbers in structural applications,



commercial vineyard stakes, lattice, peeler core landscape timbers, or specialty items that have been milled after treatment.

Osmose is not responsible for any application of NatureWood brand wood products other than that specified under the appropriate usage as noted on the ink stamp and/or end tag attached to the piece.

Osmose is not responsible for damage to brand wood products caused by the "weathering" of wood, including but not limited to raised grain, splitting, checking, twisting, warping, shrinkage, swelling, or any other physical property of the wood.

Osmose is not responsible for any costs associated with removal of damaged wood product(s) or delivery or installation of the replacement NatureWood brand wood product(s.)

Osmose is not responsible for any incidental or consequential damages claimed to be a result of damaged or undamaged NatureWood brand wood products.

Osmose is not responsible for corrosion of fasteners, hardware, or any other material(s), or any damage resulting from such an occurrence.

Osmose is not responsible for delamination of NatureWood brand plywood or other laminated wood products.

Osmose is not responsible for mold growth on NatureWood products.

HOW TO MAKE CLAIMS

To make a claim under the terms of this warranty, send a photograph and description of the damage along with the NatureWood proof-of-purchase certificate and/or the NatureWood end tag plus a copy of your original purchase invoice to:

**OSMOSE, INC. • ATTN: CONSUMER AFFAIRS
P. O. DRAWER O • GRIFFIN, GEORGIA 30224-0249**

Osmose will, within sixty (60) days from the date of notice of your claim, and upon receipt of the proper documentation, make arrangements to exchange the damaged wood product(s) for the new NatureWood brand wood products. Osmose reserves the right to have a representative inspect all wood which is claimed to be damaged prior to its removal from services.

NOTE: The only obligation of Osmose under the terms of this Warranty is limited to replacement of damaged lumber or the monetary equivalent of the failed NatureWood product up to the original purchase price at the sole discretion of Osmose. Osmose makes no other warranties, express or implied, of merchantability, fitness for a particular purpose, or otherwise. In no event shall Osmose be liable for incidental, consequential, special, or indirect damages. Nothing in this warranty shall affect the duration of implied warranties beyond their customary duration, or create additional implied warranties.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

This warranty is valid only in the United States.