IMPORTANT INFORMATION

Fasteners

- Wood product pressure treated with NatureWood® brand alkaline copper quaternary compounds sold or labeled as NatureWood® brand wood product (“NatureWood Wood Product”) is designed for long term performance in outdoor applications and, therefore, requires high quality corrosion-resistant nails, screws, and other fasteners and hardware.

For interior or exterior applications, use fasteners and hardware that are in compliance with the manufacturer’s recommendations and the building codes for their intended use. As with any good design and construction practices, NatureWood Wood Product should not be used in applications where trapped moisture or water can occur. Where design and/or actual conditions allow for constant, repetitive, or long periods of wet conditions, only stainless steel fasteners should be used.

Fasteners (and other metal products) for use with NatureWood Wood Product 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 (Galvanizing Spec G-185 for Hot-dip connector and sheet products). 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.

- 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 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) that are suitable for use with NatureWood Wood Product. Please consult with the individual fastener or hardware manufacturer for recommendations for use of their products with NatureWood Wood Product.

- Aluminum should not be used in direct contact with NatureWood Wood Product

Spacer materials or other physical barriers are recommended to prevent direct contact of NatureWood Wood Product and aluminum products. When using NatureWood Wood Product in close proximity to aluminum products, such as aluminum siding, flashing, furniture and door and window frames, a 1/8” minimum space must be allowed for between the NatureWood Wood Product and the aluminum products. Polyethylene or nylon spacers can be used to maintain the 1/8” spacing. Another option is to use a polyethylene barrier, with a minimum thickness of 10 mils, between the NatureWood Wood Product and the aluminum product to prevent direct contact of the wood and the aluminum.

- Material should be used only as specified on the ink stamp and/or end tag attached to each piece, i.e., material that has been treated for above ground applications should not be used in ground contact applications as this can adversely affect the performance of the entire project. In addition, no treated materials that have been end cut or trimmed should be used in ground contact applications. Above ground applications are above ground where material is not in contact with soil, or placed on or over a synthetic barrier or plastic material, or is continually exposed to heavy vegetation, mulch products, fill dirt, or other conditions that could stimulate a ground contact exposure. Ground contact material can be used in either above ground or ground contact applications. Ground contact applications are those where material is used in contact with the ground, fresh water, or other situations favorable to deterioration, above ground, but is difficult to maintain, improve or replace and is critical to the performance and safety of the entire system/construction (e.g., joists and beams for decks and fresh water docks; or above ground areas that will end up in ground contact or is subject to hazards comparable to ground contact due to climate, artificial or natural processes or construction. Examples of ground contact general use applications include fence posts, deck posts, grade pier, structural timber, poles and beams for decks and fresh water docks, and timbers located in regions of low natural potential for wood decay and insect attack. Material should also be used in accordance with state and local building codes as well as state and local authorities have policies requiring pressure treated wood product used in “close proximity” to the ground to be treated for ground contact applications.

- 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 this 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 endcut preservative - A brush on endcut wood preservative should be applied at the time of construction on all saw cuts and drill holes for NatureWood Wood Product (all wood species).

- 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 preserving agent 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 treated wood, we recommend following the manufacturer’s instructions and label of the finishing product. Before you start, you recommend you apply the finishing product to a small exposed test area before completing the entire project to ensure 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.

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 displace 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.

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**First-owners** means: subsequent consumer or owner, tenant, or successor of the real property on which NatureWood Wood Product (NatureWood Wood Product) either, in KPC’s sole discretion, replacement NatureWood Wood Product (NatureWood Wood Product) or original consumer purchasers or “first-owners” of NatureWood Wood Product that “structurally fails” under the terms, conditions, limitations, and exclusions of this Limited Warranty (“NatureWood Wood Product”). Koppers Performance Chemicals Inc. (“KPC”) will provide replacement NatureWood Wood Product (NatureWood Wood Product) to every NatureWood Wood Product that structurally fails or, in KPC’s sole discretion, refund the monetary equivalent of such NatureWood Wood Product, up to the original purchase price. KPC reserves the right to have a representative inspect all NatureWood Wood Product which is claimed to have structurally failed prior to its removal from service. If access for inspection is denied or should the inspection reveal that in service conditions were modified or damaged prior to inspection, or that the requirements of this Limited Warranty are not met, KPC shall have no obligation under this Limited Warranty.

**WARRANTY EXCLUSIONS**

This Limited Warranty does not cover:

- \u2022 Commercial or industrial structures, wood foundation systems, wood exposed to salt or brackish water, building poles or building timbers in structural applications, commercial vineyard stakes, lattice, peeler core landscape timbers, shakes and shingles, specialty items, such as spindles, ball tops, lattice and railing or any other products that have been altered or modified after installation.
- \u2022 The structural failure of projects or structures containing any NatureWood Wood Product where some or all of the NatureWood Wood Product has been used in contact with the ground, fresh water, or other situations favorable to deterioration; or, in contact with any newer construction with any evidence of decay.
- \u2022 The structural failure of “Above Ground” NatureWood Wood Product used in contact with the ground, fresh water, or other situations favorable to deterioration; or, in contact with any newer construction with any evidence of decay.
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- \u2022 The structural failure of “Above Ground” NatureWood Wood Product where the NatureWood Wood Product has been sawn lengthwise (rippled) or surfaced (sanded/planed/etc.).
- \u2022 The structural failure caused by Wood Rotting“weathering” of wood, including but not limited to raised grain, splitting, checking, cupping, twisting, warping, shrinkage, swelling, or any other physical or aesthetic property of the wood.
- \u2022 The corrosion of fasteners, hardware, or any other material(s), including metal materials used, in conjunction with, or to wrap or encapsulate NatureWood Wood Product, or structural failure resulting from such an occurrence.
- \u2022 The delamination of NatureWood Wood Product including plywood and other laminated wood products.
- \u2022 Mold, mildew, or fungal growth on NatureWood Wood Product that is aesthetic.
- \u2022 The structural failure of “Above Ground” NatureWood Wood Product when wetted on a frequent or recurrent basis, such as fresh water docks and walkways, swimming pools, hot tubs, or by water drainage systems (e.g., waves or water level changes, on a fresh water dock or where wind or water causes frequent wetting);
- \u2022 The structural failure of “Above Ground” NatureWood Wood Product, with the exception of fence board pickets, when installed less than six inches above ground (final grade or landscape) and supported on permeable building materials (e.g., treated wood or concrete).
- \u2022 The structural failure of “Above Ground” NatureWood Wood Product used when there is a reasonable expectation that soil, vegetation, leaf litter or other debris may build up and remain in contact with the component; or when the construction itself, other structures or anticipated vegetation growth will not allow air to circulate underneath the construction and between decks.
- \u2022 The structural failure of “Above Ground” NatureWood Wood Product used in construction that does not allow for water drainage.
- \u2022 The structural failure of “Above Ground” NatureWood Wood Product used in construction of a greenhouse.
- \u2022 The structural failure of “Above Ground” NatureWood Wood Product used in tropical climates.
- \u2022 Damage to NatureWood Wood Product other than structural failure.

**HOW TO MAKE CLAIMS**

To make a claim under this Limited Warranty, within thirty (30) days of discovery of a defect, send this information to Koppers Performance Chemicals Inc.

Visit www.kopperspc.com for more information. Call 800-585-5161, or write to:
Koppers Performance Chemicals Inc.
P. O. Drawer O
Griffin, Georgia 30224-9249

Subject to the terms, conditions, limitations, and exclusions of this Limited Warranty, KPC will, within sixty (60) days from the date of receipt of your notice of claim, and upon receipt of the proper documentation, make available to you replacement NatureWood Wood Product in exchange for NatureWood Wood Product that structurally fails under the terms, conditions, limitations, and exclusions of this Limited Warranty.

**LIMITATIONS OF REMEDIES AVAILABLE**

By purchase, acceptance, receipt, or use of NatureWood Wood Product, the original consumer purchaser or first-owner of NatureWood Wood Product accepts the terms, conditions, limitations, and exclusions in this Limited Warranty.

The only obligation of KPC and the exclusive remedy available under this Limited Warranty is limited to, in KPC’s sole discretion, replacement NatureWood Wood Product (NatureWood Wood Product only) for NatureWood Wood Product that structurally fails or refund of the monetary equivalent of such NatureWood Wood Product, up to the original purchase price. KPC is not responsible for any costs associated with repair or removal of any NatureWood Wood Product or delivery or installation of the replacement NatureWood Wood Product.

**TO THE EXTENT PERMITTED BY APPLICABLE LAW, KPC MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR OTHERWISE, IN NO EVENT, WHETHER WRITTEN OR ORAL, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, DIRECT, INDIRECT, SPECIAL, OR INDIRECT DAMAGES.**

Subject to the other terms, conditions, limitations, and exclusions in this Limited Warranty, any action for breach of this Limited Warranty must be commenced within one (1) year after you knew or should have known of the occurrence of the structural failure.

The parties agree that they will resolve their disputes on an individual basis, and that any claims brought under this Limited Warranty or in connection with the NatureWood Wood Product must be brought in the parties’ individual capacity, and not as a plaintiff or class member in any purported class, collective, or representative proceeding.

The parties further agree that the limitation of remedies stated in this Limited Warranty (whether by arbitration or in any other manner from the terms of this Limited Warranty) are of no force or effect unless in writing, signed by a duly authorized officer of KPC.

Any exclusions or limitations of remedies stated in this Limited Warranty shall not be construed to be a waiver of such provisions.

This Limited Warranty constitutes the complete and exclusive agreement between you and KPC and with respect to the subject matter contained in this Limited Warranty and supersedes any and all prior understandings and representations. Any and all representations, promises, warranties or statements by KPC or its agents that differ in any manner from the terms of this Limited Warranty are of no force or effect unless in writing, signed by a duly authorized officer of KPC.

Invalidity or unenforceability of any provision of this Limited Warranty shall not affect the validity or enforceability of any other provision, all of which shall remain in full force and effect.

This Limited Warranty is valid only for NatureWood Wood Product used in the continental United States, Alaska and Hawaii.

This Limited Warranty applies to NatureWood Wood Product purchased after September 1, 2016, unless superseded. For more information call 800-585-3161, or visit www.kopperspc.com.