



# Built-In Factory Applied Water Repellent Protection for Above Ground Use

## All Around Protection and Durability

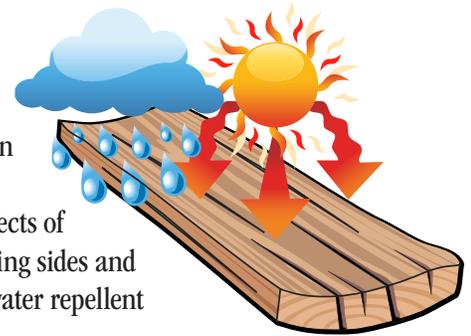
*NexWood® needs no initial water repellent protection. This is a real time saver. The pressure treating process allows the water repellent to penetrate all surfaces of the wood so it can provide protection against weather. NexWood treated wood is a great choice for outdoor construction such as decks, gazebos, and other outdoor living projects.*

***Built-in Water Repellent Protection that no brush-on product can match for your above ground, exterior wood projects.***

Because of the pressure treating process, the water repellent protection penetrates into the surface of the wood. Imagine the time and effort required to apply a brush-on water repellent to all surfaces of the wood used on a deck. Even if this were possible, deck boards would not get the overall water repellent protection achieved through pressure treated factory application.

## ***How Weather Affects Wood***

Wood is a porous material and will absorb moisture from rain or snow causing the wood to swell. When exposed to sunlight, the wood will release the moisture and cause it to shrink. This expansion and contraction due to natural weather patterns can cause the wood to crack, split, warp or twist. NexWood pressure treated wood has built-in water repellent protection to protect wood from the effects of weathering. The water repellent is pressure treated into the wood and it protects all surfaces including sides and bottom surfaces normally missed by spray on or brush on water repellent coatings. The NexWood water repellent penetrates through to the heartwood of each board.



## NexWood treated wood benefits

- *Lighter, more natural wood appearance.*
- *Improved painting and staining qualities.*
- *No brush-on water repellent or coating needed for two years after project construction.*
- *Better corrosion resistance for code-approved fasteners and hardware.*
- *Approved for aluminum contact.*
- *End uses include interior and exterior above ground.*
- *Treated wood warranty programs (See warranty for details).*
- *Building code compliant.*
- *Preservative system meets American Wood Protection Association standards.*
- *The NexWood preservative system meets all major model building code requirements.*
- *National Green Building Standard (NGBS) Green Certified Product. Eligible for points toward National Green Building Certification under the National Green Building Standard.*

## Important Information

- NexWood® pressure treated wood has corrosion rates on metal products similar to untreated wood. Use fasteners and hardware that are in compliance with the manufacturer's recommendations and the building codes for their intended use. When using aluminum products in conjunction with NexWood treated wood, refer to the NexWood Fastener and Hardware Information Sheet for additional 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](http://www.epa.gov).

## Application Information

- Fasteners - NexWood technology offers many benefits including significantly improved corrosion performance. NexWood brand pressure treated wood with Nexwood technology exhibits corrosion rates on metal products similar to untreated wood. 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, NexWood treated wood 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 NexWood preserved wood products include: - Stainless Steel Stainless steel fasteners and connectors 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 NexWood treated wood. Please consult with the individual fastener or hardware manufacturer for recommendations for use of their products with NexWood treated wood.
- 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 end coat preservative-Brush on end coat 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 NexWood 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 containing 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 NexWood products contain a factory water repellent, a 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.