Bring your customer’s vision to life.
It’s easy with Wolmanized® Outdoor® Wood from Lonza.

How can we help you?

• Our service professionals know treated wood and they offer personalized attention.

• Our products are naturally beautiful, durable and have been purposefully preserved to provide the exact type of protection needed where you’ll use it.

• Wolmanized® Outdoor® Wood in Above Ground and Ground Contact retentions meet all your project needs: decking, joists, beams, posts, railing, stair stringers, pergola canopies, benches, and more.

• You can find all your decking products in one convenient stop.
Your Perfect Product Mix for Every Application

Lonza Wood Protection offers a purposefully designed product mix to provide the optimal performance for a variety of outdoor wood project types. All wood is preserved with well-respected Wolman® E copper azole plus BARamine® preservative.

Wolmanized® Outdoor® Wood — Above Ground

Use Locations
- Not in contact with the ground
- More than 6” from the ground
- Where wood dries easily
- Well-ventilated all around boards

Applications
- Elevated decking
- Railing
- Pergola canopy

Wolmanized® Outdoor® Wood — Ground Contact

Use Locations
- Versatile and can be used in almost any application
- In contact with or within 6” of the ground or fresh water
- Critical and difficult to repair or replace
- In certain physically above ground uses with harsher conditions (moisture, debris)

Applications
- Structural deck components such as joists, beams and ledger boards
- Walkways
- Other backyard projects such as gazebos, retaining walls, raised bed gardens

Benefits of Building with Preserved Wood
- Preserved wood offers warranted protection against termites and fungal decay
- It is as durable, yet more economical than cedar and costs considerably less than plastic composites or tropical hardwoods
- Preserved wood is readily available at your local store
- It is strong and beautiful and made from a natural, renewable resource that is enhanced to last for decades
- Wood is also easy to use and it can be:
  - Installed quickly
  - Manipulated using everyday tools (saw, hammer, drill, etc)
  - Painted or stained, allowing for the homeowner’s design vision to be realized
  - Easily repaired if scratched
  - Adjusted and/or modified onsite to fit design alterations
Proper Lumber Selection Guidelines
Remember, if your project comes in contact with the ground or fresh water or is built in a manner that does not allow the wood to easily dry, Ground Contact treated wood must be used. The American Wood Protection Association (AWPA) requires pressure treated wood used in many physically above-ground applications be treated to Ground Contact requirements. The standards require the user (builder, consumer, or inspector) to select Ground Contact treatment for physically above-ground material when:

- Soil or other debris may build up and stay in contact with the wood
- There is insufficient ventilation to allow air circulation around the wood
- Material is installed <6 inches above the ground on permeable building materials
- Material is installed in contact with non-durable untreated or older construction with any evidence of decay
- Wood is subject to frequent or recurring wetting
- Wood is used in tropical climates
- The wood is both difficult to maintain, repair or replace and critical to the performance and safety of the entire system

BUY RIGHT. BUILD TO LAST.

ABOVE GROUND (AG)

Preservative
- Wolman® E Copper Azole plus BARamine® preservative
Uses
- Not in contact with the ground
- Greater than 6" from the ground
- Dry easily
- Well-ventilated
Examples: elevated decking, railing, pergola canopy, benches

GROUND CONTACT (GC)

Preservative
- Wolman® E Copper Azole plus BARamine® preservative
Uses
- In contact with or within 6" of the ground or fresh water
- Critical and difficult to repair or replace
- In certain physically above ground uses with harsher conditions (moisture, debris)
Examples: planter beds, joists, beams, posts, stair stringers

CHOOSE THE RIGHT PRESERVED WOOD

Is the material on, in, or within 6” of the ground or in fresh water?
- NO
- YES

Is it a post supporting a permanent structure? (e.g., a house, sunporch, garage)
- NO
- YES

Is it supporting a structure? (e.g., posts, beams or joists for a deck or dock)
- NO
- YES

Will there be poor air circulation around the boards?
- NO
- YES

Is debris likely to build up?
- NO
- YES

Does the wood stay wet from waves/rain/sprinklers?
- NO
- YES

Is the wood in contact with untreated or decaying wood?
- NO
- YES

Is there contact with saltwater splash?
- NO
- YES

Use treated wood labeled for

ABOVE GROUND USE UC3B

GROUND CONTACT USE UC4A

See Carter Pro Desk to special order
Check the Labels

When you choose Wolmanized® Outdoor® Wood, be sure to check the end tag stapled on the end of the wood. Each piece is identified for a specific use. This information will help you decide the correct material to buy for each part of your outdoor project.

IMPORTANT: Wood is treated with different amounts of preservative for specific applications. The label will designate Above Ground, Ground Contact or Ground Contact Heavy Duty classifications. These are not just physical locations. There are some cases where wood used above the ground needs to be Ground Contact treated wood. See Page 6 for examples. The label will also refer to ESR-1721, which indicates the product has been produced and inspected to meet quality requirements.

Fasteners

- Screws hold boards more securely than nails and will allow for easier removal if necessary.
- Use 3 1/2” long nails on nominal two-inch decking and 3” nails for 5/4” decking. Use two nails across a 2 x 4 and three across a 2 x 6. Drive nails at a slight angle toward each other.
- To reduce splitting when using nails, especially near the ends of boards, drill a pilot hole about three quarters the diameter of the nail. For dense or brittle wood, grind sharpness from nails or blunt the points by striking them carefully with a hammer.

End Cuts

- Liberally coat all cut ends, holes, or other intrusions into the wood with a suitable wood preservative product containing a minimum of 0.675% copper as oxine copper (copper-8 or copper-8-quinolinolate) or 1% copper as copper naphthenate.
- Do not put end cuts on or in the ground. Orient supporting posts so that original factory treated ends are in contact with the ground. Trim the top ends as needed and cover them with post caps or cut them at angles to shed water and treat with a brush-on preservative.
Use & Handling Tips

• Dispose of treated wood by ordinary trash collection. TREATED WOOD SHOULD NOT BE BURNED in open fires or in stoves, fireplaces or residential boilers.

• When sawing, sanding, and machining wood, wear a dust mask. Avoid frequent or prolonged inhalation of sawdust from wood, treated or untreated. Whenever possible, these operations should be performed outdoors.

• Wear gloves when working with wood. Wear goggles to protect eyes from flying particles. Use proper techniques when lifting.

• After working with wood, and before eating, drinking, toileting, or using tobacco products, wash exposed skin areas thoroughly.

• Because sawdust may accumulate on clothes, they should be laundered before reuse. Wash work clothes separately from other household clothing.

Maintenance

No maintenance is needed to prolong resistance to decay fungi and termites. However, protection is required to maintain the wood’s appearance against weather. As with all outdoor building materials, sun and rain cycles cause stresses in lumber and can result in swelling, shrinking, warping, and cracking.

• The North American Deck and Railing Association (NADRA) recommends yearly deck safety checks. For a checklist, see www.nadra.org.

• To help protect against moisture damage, apply water repellent after your project is completed and the wood has had a chance to thoroughly dry.

• You can use a deck cleaner/brightener every couple of years to freshen the look of your deck. Bleach is not recommended since it contains chlorides and can cause hardware corrosion.

• After cleaning the deck, reapply a water repellent or water repellent stain to restore color to the deck.