

PRODUCT INFORMATION

Wolmanized® Outdoor® Wood with BARamine® Technology

Protected by micronized copper azole (MCA)

WolmanizedWood.com



Wolmanized® Outdoor® Wood combines the natural beauty of real wood with long-lasting resistance to termite damage and fungal decay. This wood is ideal for decks, retaining walls, fences, picnic tables, planter boxes, walkways, sill plate and structural members. At appropriate retention levels, it can be used for above ground, ground contact, and freshwater immersion applications. It is presently not recommended for saltwater immersion.

Micronized copper azole preservative (using finely ground particles suspended in the treating solution) renders wood undesirable as a food source for termites and fungi.

Preservative is forced into the wood under pressure, where it provides decades of protection. Copper is the primary ingredient, protecting against termites and most fungal decay.

Some chemical may migrate from preserved wood into surrounding soil and water over time and may also be dislodged from the wood surface upon contact.

With BARamine® technology

After introducing copper azole preservative, the developers of Wolmanized® wood now offer the additional protection of BARamine® technology. It provides:

- Broader range of resistance
- Improved defense against common fungi and certain copper-tolerant fungi
- Enhanced moldicide properties
- Patented technology
- Greater customer satisfaction
- Cleaner, brighter appearance due to greater solution stability

Warranty

Wolmanized® lumber is backed by a limited warranty in qualifying residential and agricultural applications. See website for details.

Check the Label

Be sure to check the label and choose the wood necessary for the intended application. See WolmanizedWood.com.

Recommended Hardware

The International Building Code and International Residential Code require metal fasteners in contact with any preservative treated wood to be hot-dipped galvanized material meeting ASTM A 153. Code requirements should be observed.

Connectors should be made from galvanized steel sheet conforming to ASTM A 653 Class G185. For Permanent Wood Foundations, use 304 or 316 stainless steel fasteners.

Indoors, and where wood will remain dry in service, corrosion is less likely to occur than outdoors. The model code permits use of standard galvanized strapping or mild steel anchor bolts 1/2" diameter and larger for fastening Wolmanized® wood to foundations.

Aluminum flashing (3015 or similar alloy) may be used in contact with MCA treated wood in interior or exterior, above ground applications that are damp or intermittently wet. When treated wood is subject to immersion or frequent or prolonged wetting, factory coated aluminum or an insulating moisture resistant barrier should be used between the treated wood and the aluminum.

Maintenance

When dry on its surface, Wolmanized® wood can be stained like ordinary wood, and, once dry internally, can be painted. For thorough internal drying, purchase material that has been re-dried after treatment or, after the project has been completed, allow several months of good drying weather prior to painting.

Many light-colored latex paints can be used successfully, following brush-application of an oil-based primer. Primer should not be applied by sprayer, nor should coatings be used if their manufacturer advises against an oil-based primer. Always follow the manufacturer's directions and take special care in coating end grain, holes, and cuts.

For protection against moisture damage, regular application of a topical water repellent is recommended. Periodic cleaning can revive the color of preserved lumber.

Handling Precautions

Follow guidelines similar to those for handling untreated wood. For example: wear a dust mask to control inhalation of sawdust; wear gloves when working with wood; wear goggles to protect eyes from flying particles; and wash after working with wood and before eating, drinking, toileting, or using tobacco products. Do not use treated wood under circumstances where the preservative may become a component of food or animal feed. For other precautions, see the website.

Disposal

Wolmanized® wood waste, such as scraps, broken boards, and sawdust, can be disposed of with ordinary trash collection. Treated sawdust and shavings are not recommended for composting, mulching, or animal bedding, and the wood should not be burned except in approved commercial incinerators.

Codes and Standards

This wood meets requirements of model building codes; it is listed in standards of the American Wood Protection Association (AWPA) and a code evaluation report (ICC-ES ESR-1721) has been issued.

And It's Wood

In addition to the preservative treatment that enables wood to last a long time, Wolmanized® wood has all of the environmental and other advantages associated with wood itself. Its source is a renewable and rapidly replenished resource grown on managed timberlands, requiring less energy to produce than alternative building materials and offering greater insulation value. Growing forests and wood products reduce greenhouse gases.

Wood offers excellent workability with common construction skills and tools, plus it provides design flexibility and is generally more economical than alternative materials. Furthermore, for many applications, wood is aesthetically preferable.

Model Specification:

For a downloadable, editable model spec, see wolmanizedwood.com



Home Innovation
NGBS GREEN CERTIFIED™

www.HomeInnovation.com/green

| | | ICC ESR-1721 | AWPA | Use Category |
|------------------------------|---|--------------|-------------------|--------------|
| AGRICULTURE, FARM USE | Round poles and posts as structural members | 0.23 | 0.31 | 4B |
| | Sawn poles and posts as structural members | 0.23 | 0.31 | 4B |
| | Posts, Fence | | | |
| | Round, half & quarter round | 0.15 | 0.15 | 4A |
| | Sawn four sides | 0.23 | 0.31 | 4B |
| | Lumber, in soil contact | 0.15 | 0.15 | 4A |
| | Lumber, not in soil contact | 0.060 | 0.060 | 3B |
| | Plywood, in soil contact | 0.15 | 0.15 | 4A |
| | Plywood, not in soil contact | 0.060 | 0.060 | 3B |
| | Grape stakes, sawn | 0.15 | 0.15 | 4A |
| BUILDING | Sill plate | 0.060 | 0.060 | 2 |
| | Flooring, residential | | | |
| | Damp environment | 0.060 | 0.060 | 2 |
| | Dry environment | 0.060 | 0.060 | 1 |
| | Framing, interior | 0.060 | 0.060 | 1 |
| | Lumber | | | |
| | Interior, above ground | 0.060 | 0.060 | 1,2 |
| | Exterior protected, above ground | 0.060 | 0.060 | 3A |
| | Exterior exposed, above ground | 0.060 | 0.060 | 3B |
| | Ground contact and fresh water use | 0.15 | 0.15 | 4A |
| | Permanent Wood Foundation | | | |
| | Lumber & Plywood | 0.23 | 0.31 | 4B |
| | Plywood | | | |
| | Sub-floor, damp above ground | 0.060 | 0.060 | 2 |
| | Exterior, above ground | 0.060 | 0.060 | 3B |
| | Ground contact and fresh water use | 0.15 | 0.15 | 4A |
| | Poles, building | | | |
| | Round | 0.23 | 0.31 | 4B |
| | Sawn | 0.23 | 0.31 | 4B |
| | Poles, utility (Southern pine) | 0.23,0.33 | 0.31 ¹ | 4A,4B,4C |
| | Piling, foundation, land & freshwater | | | |
| | Round timber (Southern pine) | 0.33 | 0.41 | 4C |
| *DECKS | Decking, rails, steps, specialties (Above Ground) | 0.060 | 0.060 | 3B |
| | Decking, posts, joists, beams (Ground Contact) | 0.15 | 0.15 | 4A |
| | Posts (Heavy Duty Ground Contact) | 0.23 | 0.31 | 4B |
| FENCES | Pickets, slats, trim (protected) | 0.060 | 0.060 | 3A |
| | Pickets, slats, trim (exposed) | 0.060 | 0.060 | 3B |
| | Posts, sawn | 0.15 | 0.15 | 4A |
| HIGHWAY MATERIAL | Lumber and timbers for bridges, structural members, decking, cribbing, & culverts | 0.33 | 0.31 | 4C |
| | Handrails and guardrails | 0.060 | 0.060 | 3B |
| | Posts, general use | | | |
| | Round, half-round, quarter round | 0.15 | 0.15 | 4A |
| | Sawn | 0.15 | 0.15 | 4A |
| | Posts, guardrail | | | |
| | Round | 0.15 | 0.15 | 4A |
| | Sawn | 0.15 | 0.15 | 4A |

¹ Southern Yellow Pine only