

Product information:

Wolmanized® Residential Outdoor® Wood

WE ARE

Protected by the advanced type C formulation
of micronized copper azole (μ CA-C)



Wolmanized® Residential 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 useless as a food source for termites and fungi. Its type C formulation, which incorporates a combination of synergistic azoles, is the advanced version.

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. Protection against copper-tolerant fungi is provided by the dual azole co-biocide.

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.

Warranty:

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

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 μ CA-C 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 for many applications, and a code evaluation report has been issued. See ICC-ES's ESR-1721 for allowable values and/or conditions of

use. Such reports are subject to re-examination, revisions, and possible closing of file.

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 and editable model spec, visit www.wolmanizedwood.com



Home Innovation
NGBS GREEN CERTIFIED™

For details on the significance of these symbols, see www.HomeInnovation.com/green and www.GoodHousekeeping.com/GHSeal

Specification Guide for Treated Wood End Uses

Preservative Retention
(lbs. per cubic foot)
μCA-C

		Preservative Retention (lbs. per cubic foot) μCA-C
AGRICULTURE, FARM USE	Round poles and posts as structural members	.23
	Sawn poles and posts as structural members	.23
	Posts, Fence	
	Round, half & quarter round	.14
	Sawn four sides	.14
	Lumber, in soil contact	.14
	Lumber, not in soil contact	.050
	Plywood, in soil contact	.14
	Plywood, not in soil contact	.050
	Grape stakes, sawn	.14
BUILDING CONSTRUCTION MATERIAL	Sill plate	.050
	Flooring, residential	
	Damp environment	.050
	Dry environment	.050
	Framing, interior	.050
	Lumber	
	Interior, above ground	.050
	Exterior, above ground	.050
	Ground contact and fresh water use	.14
	Permanent Wood Foundation	
	Lumber & Plywood	.23
	Plywood	
	Sub-floor, damp above ground	.050
	Exterior, above ground	.050
	Ground contact and fresh water use	.14
	Poles, building	
	Round	.23
	Sawn	.23
	Poles, utility (Southern pine, western red cedar)	.23
	Piling, foundation, land & freshwater	
Round timber (Southern pine)	.33	
DECKS	Above ground: Decking, joists, rails, steps	.050
	Sapwood species: Decking, specialties	.050
	Ground contact: Posts	.14
FENCES	Pickets, slats, trim	.050
	Posts, sawn	.14
HIGHWAY MATERIAL	Lumber and timbers for bridges, structural members, decking, cribbing, & culverts	.23
	Handrails and guardrails	.050
	Posts, general use	
	Round, half-round, quarter round	.14
	Sawn	.14
	Posts, guardrail	
	Round	.23
	Sawn	.23



www.WolmanizedWood.com

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