

PRODUCT INFORMATION

Wolmanized® Outdoor® Wood

Durable Douglas fir protected by the advanced type C formula of dissolved copper azole (CA-C)

WolmanizedWood.com

Wolmanized®
OUTDOOR® WOOD

Wolmanized® Outdoor® Wood made with Douglas fir or hem fir, 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.

Wolman® E Copper azole preservative renders the 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. 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.

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.

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



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Specification Guide for Treated Wood End Uses

	Use Category	CA-C Preservative Retention (Lbs. per cubic foot)	
AGRICULTURE, FARM USE	Round poles and posts as structural members	4B	0.31 ¹
	Sawn poles and posts as structural members	4B	0.31 ¹
	Posts, Fence		
	Round, half & quarter round	4A	0.15
	Sawn four sides	4A	0.15
	Lumber, in soil contact	4A	0.15
	Lumber, not in soil contact	3B	0.060
	Plywood, in soil contact	4A	0.15
	Plywood, not in soil contact	3B	0.060
	Grape stakes, sawn	4A	0.15
BUILDING	Sill plate	2	0.060
	Flooring, residential		
	Damp environment	2	0.060
	Dry environment	1	0.060
	Framing, interior	1, 2	0.060
	Lumber		
	Interior, above ground	1, 2	0.060
	Exterior, above ground	3A, 3B	0.060
	Ground contact and fresh water use	4A	0.15
	Permanent Wood Foundation		
	Lumber & Plywood	4B	0.31 ¹
	Plywood		
	Sub-floor, damp above ground	2	0.060
	Exterior, above ground	3B	0.060
	Ground contact and fresh water use	4A	0.15
	Poles, building		
	Round	4B	0.31 ¹
	Sawn	4B	0.31 ¹
	Poles, utility (Southern pine, western red cedar)	4A, 4B	0.31
	Piling, foundation, land & freshwater		
Round timber (Southern pine)	4C	0.41 ²	
*DECKS	Decking, rails, steps, specialties (Above Ground)	3B	0.060
	Decking, posts, joists, beams, posts (Ground Contact)	4A	0.15
	Posts (Heavy Duty Ground Contact)	4B	0.31 ¹
FENCES	Pickets, slats, trim	3A, 3B	0.060
	Posts, sawn	4A	0.15
HIGHWAY MATERIAL	Lumber and timbers for bridges, structural members, decking, cribbing, & culverts	4B	0.31 ¹
	Handrails and guardrails	3B	0.060
	Posts, general use		
	Round, half-round, quarter round	4A	0.15
	Sawn	4A	0.15
	Posts, guardrail		
	Round	4B	0.25
Sawn	4B	0.31	

¹ICC-ES accepts 0.25pcf

²ICC-ES accepts 0.35pcf