

# PRODUCT SELECTOR



## Choose the Correct Wood for Your Applications






For centuries, people have looked for ways to protect wood, making it last longer while maintaining its beauty. Below is our guide showing the preservative protection for residential and commercial wood products along with how, when, and where the wood should be used. It is important to ensure you are choosing the right wood for the desired application.



### Residential



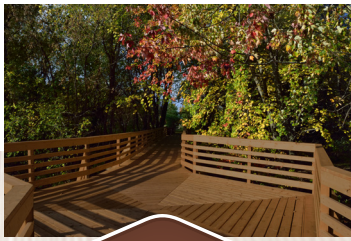
### Commercial

	 			
<b>Preservative</b>	Copper Azole (CA-B) & Copper Azole (CA-B) with factory-applied colourant		Chromated Copper Arsenate (CCA)*	
<b>Application</b>	above ground, ground contact, and freshwater immersion (not for use in saltwater applications)		above ground, ground contact, saltwater immersion	
	<b>Above Ground</b>	<b>Ground Contact / Freshwater</b>	<b>Above Ground</b>	<b>Ground Contact</b>
<b>Retention Level</b>	0.060 pcf, 0.10 pcf	0.21 pcf	0.25 pcf	0.40 pcf, 0.60 pcf, 1.50 pcf
<b>Use Description</b>	Where wood is : <ul style="list-style-type: none"> <li>• not on or in contact with ground</li> <li>• expected to readily dry out between times it gets wet</li> <li>• not located in tropical areas</li> </ul> <b>and</b>		Where wood is : <ul style="list-style-type: none"> <li>• in contact with the ground or fresh water</li> <li>• physically above the ground</li> <li>• critical to structure (ex. joists and beams)</li> <li>• may not dry well or has constant wetting</li> <li>• constant debris builds up</li> <li>• poor air flow around structure</li> </ul> <b>and</b>	
<b>Typical Applications</b>	decking, posts, piling, retaining walls, planter boxes, walkways, fresh water piers, deck joists, beams		utility poles; posts for houses, garages, sunrooms, and barns; permanent wood foundations**; building poles/posts; marine piling for docks; shakes and shingles; plywood/rainscreen	
<b>Green Certifications</b>	 Wolmanized® Outdoor® Wood preservative is a Global GreenTag verified product. Assessed in accordance with the Global GreenTag <sup>Cert™</sup> Standard.		 Wolman® E preservative is certified by Home Innovation Research Labs as meeting requirements for termite-resistant materials in the National Green Building Standard™.	

\*Not for residential use.

\*\*In accordance with the Canadian Standards Association, only lumber and plywood treated with CCA can be used for permanent wood foundations.





Wolmanized® Outdoor® Wood with Tanatone® Colourant eliminates need for initial staining, making

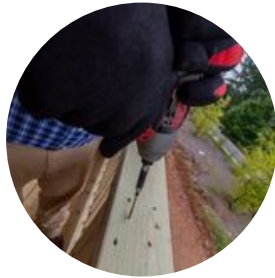
project beautiful for use and entertaining immediately after installation.

- Attractive, rich brown tone
  - Colour variations may occur in grain and on knots due to copper in preservative
  - Colour slowly weathers to warm honey brown then to natural silver grey
- Colourant added during the pressure-treatment process

- Protects against termites and fungal decay
- Colour technology from Europe is specially formulated for Canadian wood species
  - Proven in multiple species including Spruce Pine Fir (SPF), Douglas fir, SYP, larch, hem fir, ponderosa pine and more
- Made from a renewable, naturally beautiful resource that is harvested from quick-growing managed forest lands
- More economical than alternatives such as plastic composites
- Lifetime limited warranty

## Building Tips

- Check the lumber end-tag. Make sure that the intended use shown on the tag matches your application.
- For 2" lumber, use 3 1/4" nails or 3" screws. For 5/4 decking, use 3" nails or 2 1/2" screws.



## Maintenance Tips

- No maintenance is needed to renew resistance to fungi and termites. Wolmanized® wood has a lifetime limited warranty against these organisms.
- To help protect your project against moisture damage, apply an effective brand of water repellent as soon as your project is finished or, for large projects, as sections are completed.
- Water repellent should be re-applied every year or two.
- To revitalize a dingy appearance caused by dirt, mildew and mold, use deck brightener to clean the wood.



## Recommended Hardware

The minimal corrosivity of Wolmanized® wood is similar to that of traditional treated wood. Hot-dipped galvanized fasteners (meeting ASTM A 153) and connectors (ASTM A 653 Class G185 sheet), or better, are recommended for protection against the effects of moisture often present where treated wood is used. For Permanent Wood Foundations and applications that are continually wet or exposed to salt water splash, salt air, or chemical exposure, use 304 or 316 stainless steel. **ALUMINUM should not be used in direct contact with this wood.**



## It's Wood

With the addition of long-lasting preservative treatment, wood also offers environmental and other advantages over composite materials.

### Renewable

- Rapidly replenished natural resource
- Grown on managed timberlands

### Environmentally Friendly

- Requires less energy to produce than alternative building materials
- Growing forests and wood products reduce greenhouse gases by sequestering carbon
- Can be re-purposed for other outdoor projects

### Available

- Easily found in lumber yards and home improvement stores
- Always in stock and easily adaptable to keep up with changing trends

### Workable

- No special tools needed
- Easily modified on jobsite
- Lighter weight than alternative decking materials

### Affordable

- Wood costs significantly less than composite materials
- Simple and inexpensive maintenance can be done by homeowner