



# PRESERVE TECH

Guidance for properly specifying and using preserved wood products

## Options for preserved wood products

Consumers today have a variety of preserved wood products to choose from that offer the durability and performance needed for any application. The preservatives available today contain components that are approved by the EPA and provide an effective way to preserve the natural benefits of wood.

The requirements for penetration and retention of preservatives in the wood are set by consensus standards administered by the American Wood Protection Association (AWPA). Treating companies in the West use preservatives that have been approved by the AWPA.

Western preserved wood products are commonly available in the retail marketplace today with the following preservatives:

### AWPA Standard U1 - Soluble copper preservatives

- ACQ - Alkaline Copper Quaternary
- ACZA - Ammoniacal Copper Zinc Arsenate
- CA - Copper Azole
- CCA - Chromated Copper Arsenate
- CuN - Copper Naphthenate

### AWPA Standard U1 - Boron preservatives

- SBX - Inorganic Boron

### AWPA Standard U1 - Carbon-based preservatives

- PTI - Propiconazole-Tebuconazole-Imidacloprid
- EL2 - DCOI-Imidacloprid

Most preserved wood products are promoted and sold under the brand names of the preservatives rather than the acronyms of the chemicals in each formulation. Use the listings below to identify the preservative brands, common species available, code compliance for preserving, use options and typical locations for purchasing.

## Soluble copper preservatives

### ACQ - Alkaline Copper Quaternary

**Brands:** Preserve® ACQ, NatureWood®  
**Species:** Douglas Fir, Hem-Fir, Southern Yellow Pine  
**Use:** Above ground, ground contact, fresh water contact, salt water splash  
**Availability:** Home centers, lumber yards, distributors

### ACZA - Ammoniacal Copper Zinc Arsenate

**Brands:** Chemonite®  
**Species:** Douglas Fir, Southern Yellow Pine  
**Use:** Above ground, ground contact, fresh water contact, salt water splash  
**Availability:** Specialty lumber yards, distributors

### CA - Copper Azole

**Brands:** Wolmanized® Outdoor® Wood, Preserve® CA, NatureWood® CA  
**Species:** Douglas Fir, Hem-Fir, Southern Yellow Pine  
**Use:** Above ground, ground contact, fresh water contact, salt water splash  
**Availability:** Home centers, lumber yards, distributors

### CCA - Chromated Copper Arsenate

**Brands:** SupaTimber®  
**Species:** Douglas Fir, Hem-Fir, Southern Yellow Pine  
**Use:** Non-residential construction: Above ground, ground contact, fresh/salt water immersion  
Residential construction: plywood, shakes and shingles, permanent wood foundations  
**Availability:** Specialty lumber yards, distributors

### CuN - Copper Naphthenate

**Brands:** QNAP™  
**Species:** Douglas Fir, Hem-Fir, Southern Yellow Pine  
**Use:** Above ground, ground contact, fresh water contact, field treatment  
**Availability:** Home centers, lumber yards, distributors

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### Wood preservatives *(cont.)*

#### Boron preservatives

##### SBX - Inorganic Boron

**Brands:** PacBor®, TimBor®, HiBor®, SilBor®, AdvanceGuard®, TimberSaver®  
**Species:** Douglas Fir, Hem-Fir, Southern Yellow Pine  
**Use:** Interior applications; “where its application is continually protected from liquid water.”  
**Availability:** Home centers, lumber yards, distributors

#### Carbon-based preservatives

##### PTI - Propiconazole-Tebuconazole-Imidacloprid

**Brands:** Wolmanized® EraWood®, Nexwood®  
**Species:** Douglas Fir, Hem-Fir, Southern Yellow Pine  
**Use:** Above ground only  
**Availability:** Home centers, lumber yards, distributors

##### EL2 - DCOI-Imidacloprid

**Brand:** Ecolife™, Severe Weather® MAX  
**Species:** Douglas Fir, Southern Yellow Pine  
**Use:** Above ground only  
**Availability:** Home centers, lumber yards, distributors

## Additional preservative information

For additional information and safety data sheets (SDS) for each preservative contact the manufacturer listed on the end tag of preserved wood products or go to the following preservative company websites:

<u>Manufacturer</u>	<u>Preservatives</u>	<u>Website</u>
Lonza Wood Protection	CA, CCA, PTI ACZA SBX	<a href="http://www.wolmanizedwood.com">www.wolmanizedwood.com</a> <a href="http://www.chemonite.com">www.chemonite.com</a> <a href="http://www.sillbor.com">www.sillbor.com</a>
Koppers Performance Chemicals	ACQ, CA, CCA, PTI, SBX	<a href="http://www.kopperspc.com">www.kopperspc.com</a>
Nisus Corp.	CuN	<a href="http://www.nisuscorp.com/wood-preservation">www.nisuscorp.com/wood-preservation</a>
Viance, LLC	ACQ, CA, CCA, EL2, SBX	<a href="http://www.treatedwood.com">www.treatedwood.com</a>