



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>
Arch Wood Protection	CA, CCA, PTI ACZA SBX	www.wolmanizedwood.com www.chemonite.com www.sillbor.com
Nisus Corp.	CuN	www.nisuscop.com/wood-preservation
Koppers Performance Chemicals	ACQ, CA, CCA, PTI, SBX	www.kopperspc.com
Viance, LLC	ACQ, CA, CCA, EL2, SBX	www.treatedwood.com