

Treated Lumber and Plywood Specifications, Approvals, Registrations, and Awards

- Winner, 2002 EPA Presidential Green Chemistry Award
- Approved by the ICBO Evaluation Services (ER#4981) (Uniform Building Code)
- National Evaluation Service (NER 643)
- AASHTO
- Standardized by the American Wood-Preservers' Association (AWPA) U1, T1, UC1, UC2, UC3A, UC3B, UC4A, UC4B
- Preservative components registered with the United States Environmental Protection Agency
- Australian Standard AS-1604 1997
- AQIS – Australian Quarantine Service
- JIS Japanese Standards
- CSA Canadian Standard Association
- NWPC – Nordic Wood Preservation Council
- Approved in Germany, Holland, Denmark, Sweden and Spain
- Awarded Wisconsin Dept. of Industry, Labor, and Human Relations Approval
- Awarded Wisconsin's Governor's Commendation
- Awarded Wisconsin's Dept. of Natural Resources Commendation

Preserve® and Preserve Plus®¹ Recommended ACQ® Retentions for Various Applications

Application	Retention (lbs./cu. ft.)	Uses
Above Ground ⁴ Deck Support	0.15 – 0.40	Decking, fence boards, hand rails
Ground Contact Fresh Water	0.40	Fence posts, landscaping, piers, docks, etc.
Permanent Wood Foundations ³	0.60	Wood foundations, crawl spaces
Poles ²	0.60	Building, transmission and distribution poles
Decking Use Only ⁴	0.15	5/4" Decking

¹ The recommended ACQ retention levels for Preserve Plus are identical to Preserve treated wood as shown above.

² Pole approval for ACQ Type B.

³ ICBO ES.

⁴ NER 643.

Applications

Preserve and *Preserve Plus* can be used for any building application where protection from decay and termite attack is required.

Applications include:

- Decking
- Landscaping
- Gazebos
- Fencing
- Steps
- Walkways
- Wood siding
- Storage sheds
- Outdoor furniture
- Playground equipment
- Piers and docks
- Trellis and lattice
- Permanent wood foundations
- Sign and mailbox posts
- Planter boxes
- Wood bridges
- Transmission poles
- Raised garden beds

How to Specify:

Preserve

Pressure-Treated Wood:

Non-arsenic and non-chromium pressure treated wood produced in accordance with ACQ Preserve Standard ACQ-01-02 and the appropriate AWPA Standards (U1, T1, UC1, UC2, UC3A, UC3B, UC4A, UC4B), ICBO ER 4981.

Preserve Plus

Pressure-Treated Wood:

Non-arsenic and non-chromium pressure-treated wood with built-in water repellent produced in accordance with ACQ Preserve Standard ACQ-01-02 and AWPA standards (U1, T1, UC1, UC2, UC3A, UC3B, UC4A, UC4B). For 5/4" decking, NER 643.

PRESERVED WOOD FOR TODAY'S ENVIRONMENT



Preserve®

Preserve Plus®



treatedwood.com



200 E. Woodlawn Road, Suite 350 • Charlotte, NC 28217
704-522-0825 • FAX: 704-527-8232 • e-mail: acqinfo@viance.net

For more than a decade, non-arsenic and non-chromium *Preserve*® treated wood has been used in some of the world's most environmentally sensitive locations. From the pristine environments of national parks in North America, Europe, Japan and Australia to neighborhood playgrounds and backyards like yours, *Preserve* treated wood has been used around the globe to provide a durable building product for construction applications where protection from fungal decay and termites is required.

Environmentally Advanced

Preserve® is the preferred choice as a new generation of pressure-treated wood, providing the same level of performance as standard pressure treated wood without the use of arsenic and chromium. *Preserve* is treated with ACQ, an environmentally advanced copper and quat preservative system that provides long-term protection from rot, decay and termites without the use of California Prop. 65 listed chemicals or any EPA listed hazardous chemicals.

fungi and insect attack that copper alone would not control. Quats are commonly used in household and industrial disinfectants and cleaners and are biodegradable in soil. Copper and quat solutions similar to ACQ are used for the control of fungi and bacteria in swimming pools and spas.



ACQ Preservative Protection

The ACQ preservative in *Preserve* treated wood is a copper plus quat system that provides the same level of protection to wood as CCA preservatives against decay, rot and termite attack **without the use of arsenic and chromium**.

The main active ingredient in ACQ is copper, which has long been established as the most cost-effective preservative component used in timber preservation. Quat acts as the co-biocide in the ACQ preservative, providing additional protection from

Preserve® Plus Offers Improved Weathering Performance

Wood which is exposed outside to the weather is subject to repeated wetting and drying cycles that cause wood to swell and shrink, resulting in splitting, cracking and warping. *Preserve Plus* is protected with the combination of ACQ preservative treatment and a built-in water repellent, to provide long-term protection against decay, rot, termite attack **and** the effects of weathering.

Preserve Plus should be specified for outdoor building projects where appearance is important and protection from the effects of weathering is a priority.



Painting and Staining or Natural Weathering

Preserve and *Preserve Plus* can be painted or stained to match any outdoor color scheme. High quality oil and latex based paints and stains are recommended. Water repellent coatings can be applied to enhance the long-term weathering performance. It is important that the wood is dry and free from surface deposits prior to applying any coating. Left uncoated, or with clear water repellent coatings, *Preserve* and *Preserve Plus* will initially weather to a natural brown color, eventually turning gray following long-term exposure to the sun.

Nails, Fasteners and Fittings

For the best results, hot dipped galvanized or stainless steel fasteners and fittings are recommended. These are the same fasteners recommended for CCA-treated wood and specified for use with treated wood by major building codes. A list of acceptable fastener systems is available from your *Preserve* supplier or at www.treatedwood.com. Direct contact of *Preserve* treated wood with aluminum fasteners and fittings is not recommended.



Preserve's Performance Guaranteed

Preserve and *Preserve Plus* are backed by a Lifetime Limited Warranty! Ask your retailer for details.

Product Features

- Does not contain arsenic, chromium, California Prop. 65 listed chemicals or any EPA classified hazardous chemicals.
- Provides long-term protection from rot, decay and termite attack.
- Can be used in environmentally sensitive settings.
- ACQ treated wood scraps and cut-offs should be disposed of in a non-hazardous material lined landfill in accordance with local, state and federal regulations.
- Offers a wide selection of treatable timber species, including Douglas Fir.
- Easily painted or stained.
- Quality control ensured by independent third-party inspection.
- Features a Limited Lifetime Warranty.
- *Preserve Plus* is available with built-in water repellent.

For more information about *Preserve* and *Preserve Plus* treated wood, visit our website treatedwood.com or call Viance toll free at 1-800-421-8661.