

Enhanced Wood
Performance with
Environmental
Responsibility

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BuyLine 7308



Mold Resistant Wood



**Stabilized Weather
Resistant Wood**



**Fire-Retardant
Treated Wood**



**Decay & Termite
Resistant Wood**



**Decay & Termite Resistant
Water Repellent Wood**

TimberSaver® PT

Borate Pressure Treated Wood

Wood Preservative



New Technology for Mold Resistance

QuanTIM™ Mold Resistant Wood framing and sheathing products now offer retailers, building component manufacturers, builders and consumers the mold resistant building materials they require (see QuanTIM Limited Warranty for complete details). Protected with an advanced mold control formulation, QuanTIM Mold Resistant Wood products are an effective solution to the challenge of supplying the construction industry with framing, truss and sheathing products that will remain clean, bright and mold resistant during all stages of construction from storage and transportation through to project completion.

QuanTIM = Peace of Mind

For the builder and homeowner, QuanTIM-protected wood products are guaranteed to remain mold resistant for 20 years, when properly installed in interior applications protected from the weather (see QuanTIM Limited Warranty for complete details). This protection provides long-term peace of mind that the structural components of a house manufactured using QuanTIM Mold Resistant Wood products will remain resistant to mold growth that can lead to discoloration, odors, deterioration and homeowner concerns.

QuanTIM Quality Is Assured

QuanTIM Mold Resistant products are produced in a factory-controlled environment under a comprehensive third party quality control program that ensures this highly effective mold resistant formulation is properly applied.

What is QuanTIM?

QuanTim wood products are treated with a patented formulation containing highly effective, EPA-registered mold control agents. The advanced QuanTIM mold control system ensures effective protection against mold growth.

Purple = Mold Resistant

To help retailers, builders, manufacturers and homeowners easily identify QuanTIM Mold Resistant Wood products in the market place and on the building site, a unique purple dye is added to the mold control formulation. Each piece of QuanTIM protected wood is also identified with an end tag bearing the QuanTIM logo, assuring product quality and performance. For long-term mold resistant performance, look for the purple wood with the QuanTIM end tag, to ensure you are getting the quality assured products you and your customers deserve.



Not Protected



QuanTIM™ Protected





Advanced Preservative Plus Wood Stabilizer Protection

Ecolife is protected against decay, termites and the effects of weathering by a revolutionary non-metallic preservative plus wood stabilizer system. The advanced polymer technology in Ecolife stabilizes wood, reducing the cracking, warping and splintering that occurs over time when ordinary treated wood is exposed to the weather. The improved weathering performance of Ecolife means long-lasting natural beauty with less maintenance. Ecolife's advanced preservative provides the same reliable performance against decay and termites homeowners have come to expect from traditional treated wood in above ground applications.

The Stabilizer Advantage: Outstanding Weathering Performance, Significantly Less Maintenance

Ecolife is protected by a multi-component wood stabilizer that reduces the cracking, splintering and warping that occurs when ordinary treated wood is exposed to the elements. Ecolife's proprietary polymeric stabilizer improves the weathering performance of treated wood by providing:

- Reduced checking and cracking
- Reduced cupping and warping
- Long-lasting natural beauty with less maintenance
- Enhanced preservative performance



Fastener Performance

Ecolife provides improved fastener performance and is no more corrosive to fasteners and metal fittings than untreated wood. Ecolife can be used in direct contact with aluminum building products. Use of fasteners and contact with aluminum products is recommended in compliance with applicable building codes and fastener manufacturers recommendations.



Product Features

- Protected with an advanced polymeric stabilizer plus non-metallic preservative system
- Provides improved weathering performance
- Provides improved fastener performance similar to untreated wood
- Can be used in direct contact with aluminum
- Provides long-term protection against decay and termites
- Can be used in environmentally sensitive settings
- Offers a wide range of treatable species including Southern pine, Radiata pine, Patula pine, Caribbean pine, Red pine, Ponderosa pine, Eastern white pine, Hem-fir, Eastern hemlock, Sub-alpine fir and Douglas fir
- Easily painted or stained
- Quality assured through third-party inspection
- Backed by a Lifetime Limited Warranty for stability, decay and termite protection
- Building Code Compliant under ICC-ES Report No. ESR-2067



Building Code Compliant

Ecolife is described in the ICC-ES Report No. ESR-2067 and meets all applicable major model building code requirements.





Dependable Performance

D-BLAZE fire-retardant treated products are backed by a 50-Year Limited Warranty against structural failure due to strength loss caused by high temperature and high humidity conditions (see warranty for details). **D-BLAZE** treated products are fire resistant, durable, non-corrosive, nonhygroscopic, non-blooming, paintable, stainable, easy to handle and workable with common wood working tools. **D-BLAZE** treated products carry an “FR-S” rating under UL classification, exhibiting a flame spread and smoke rating of 25 or less. At 30 minutes exposure to flame, **D-BLAZE** treated products show no evidence of significant progressive combustion. Testing for hygroscopicity has resulted in **D-BLAZE** being classified as a Type A fire retardant as defined in AWPA Standards UC1, T1 and UCFA **D-BLAZE FRT** wood meets or exceeds the guidelines for testing construction materials as set forth in the new International Building Code as well as all major building codes and insurance rating bureaus.

Applications

Lumber and plywood treated with **D-BLAZE** fire retardant can be used in a variety of interior applications where the humidity is not expected to exceed 95% for prolonged periods and where the wood is not exposed directly to weather.

Applications include:

- roof trusses
- roof decks and sheathing
- beams and purlins
- studs
- joists
- interior nonload-bearing partitions
- floor trusses
- subflooring
- blocking and furring
- paneling
- architectural millwork and trim
- exterior and load-bearing walls.

Consult local building codes to determine specific uses permitted.

Tested and Approved

- International Code Congress (ICC) -Legacy Report 562
- IBC (International Building Code)
- IRC (International Residential Code)
- City of Los Angeles Building Code Report RR 24502
- New York City Building Code (MEA Numbers 406-87 and 407-87)
- ASTM D5516 • ASTM D5664-95 • ASTM E-84
- American Wood Protection Association (UC1, T1, and UCFA)
- CSA 080.20-97 • CSA 080.27-97
- Insurance Rating Bureaus
- Military Specifications (MIL-L-19140E)
- National Building Code of Canada (NBCC)
- National Fire Protection Ass'n (255)
- National Forest Products Association
“Policy on Design Values for Fire Retardant Treated Lumber”
- Underwriters Laboratories, Inc. #723
- ULC Standard CAN/ULC - 5102
- ULC Standard CAN/ULC 5102.2
- US Bureau of Ships (QPL)
- All other major building codes





Preserve® is the preferred choice as a new generation of pressure-treated wood, providing long-term protection against decay and termite attack without the use of arsenic or chromium. Preserve is treated with ACQ®, an environmentally advanced copper and quat preservative system. Preserve can be used in a wide variety of applications (in above ground, ground contact, and fresh water environments) where protection from fungal decay and termites is required.



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 is available in pine species and should be specified for outdoor building projects where appearance is important and protection from the effects of weathering is a priority.

Dependable Performance

Since 1992, Preserve pressure-treated wood has provided excellent performance in a wide variety of construction applications in North America. The long-term performance of Preserve has been thoroughly demonstrated through a variety of industry-approved evaluation methods performed by Viance scientists and independent laboratories.

Applications

Preserve can be used for:

- decking
- fence boards
- fence posts
- bridges
- picnic tables
- outdoor structures
- timber siding
- piers and docks
- gazebos
- landscaping
- foundations
- crawl spaces
- playground equipment
- standard foundation piles
- building, transmission and distribution poles

Approvals

- Uniform Building Code.
- Australian Standard AS-1604 1997.
- JWPA Japanese Standards.
- Standardized by the American Wood Protection Association.
- Preservative Components registered with the US Environmental Protection Agency.
- Meets AIA Masterspec for chromium- and arsenic-free pressure-treated wood.
- 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.
- National Evaluation Service (NER 643).
- AQIS - Australian Quarantine Service.
- CSA Canadian Standards Association

Product Values

- Pressure-treated with ACQ preservatives.
- Features a Limited Lifetime Warranty.
- Can be used in a wide variety of applications.
- Provides long-term protection from rot, decay, and termite attack.
- 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.
- Quality control ensured by independent, third-party inspection.
- Preserve Plus is available in most areas with built-in water repellent**.
- Easily painted or stained.
- Available with SupaTimber® mold inhibitor.
- Offers a wider selection of timber species.

How to Specify

Preserve treated-wood products are specified as: Arsenic- and chromium-free pressure-treated wood produced in accordance with ACQ® Preserve Standard ACQ 01-02 and the appropriate AWPA Standards (AWPA T1, U1, UC1, UC2, UC3A, UC3B, UC4A, UC4B).



Preserve and Preserve Plus¹ Recommend Retentions For Various

Application	Retention lbs./Cu.Ft.	Uses
Above Ground Deck Support	0.25 0.40	Decking, fence boards
Ground Contact and Fresh Water Contact	0.40	Fence posts, landscaping, piers, docks, etc.
Permanent Wood Foundations	0.60	building, transmission and distribution poles
Decking Use Only*	0.15 + water repellent	5/4" Decking

¹The recommended ACQ retention levels for Preserve Plus are identical to Preserve treated wood as shown above. The minimum water repellent retention for all applications is 0.25 lbs. per cubic foot.
* Pole approval for ACQ Type B.
** NER 643

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. **Not available for West Coast wood species.





TimberSaver® PT

Borate Pressure Treated Wood

TimberSaver® PT is a borate based wood preservative applied to lumber and plywood using a pressure-treatment process, to provide permanent protection against wood destroying insects and decay fungi in interior applications. **TimberSaver PT** borate treated lumber and plywood is not suitable for applications exposed to the weather or in ground contact and must be protected from exposure to liquid water.

Applications

- Framing lumber
- Floor joists
- Plywood
- Flooring
- Studs
- Roof rafters
- Interior Sheathing
- Moldings
- Sill plates
- Trusses
- Furring strips
- Wood trim

Approvals and Acceptance

The **TimberSaver PT** wood preservative and treated wood products meet the P-5 and U1, T1, UC1, UC2 standards set forth by the American Wood Preservers' Association (AWPA) and the standards set by the State of Hawaii. The AWPA is recognized as setting the standards for the wood preserving industry and is referenced in all the major model-building codes throughout the United States, including the IBC and IRC. The State of Hawaii has recognized the benefits of borate treated wood since the early 1990's.



Product Values

- Offers the most effective level of borate protection
- Provides permanent protection for dry interior applications
- Protects against fungal decay
- Protects against Formosan Termites and other wood destroying insects
- Non-corrosive to metal fasteners
- Non-toxic to humans and animals
- Does not adversely affect the strength properties of the treated lumber or plywood
- Is a colorless treatment and is also available with a dye to make job site product identification easier
- Is applied through a pressure-treatment process to optimize penetration of borate preservative
- Penetrates difficult-to-treat refractory species such as Spruce-Pine-Fir and Douglas Fir

The active ingredient in TimberSaver PT, Disodium Octaborate Tetrahydrate or DOT, is the most widely accepted form of borates used for treatment of forest products. DOT is manufactured from naturally occurring Boron, which is widely used in a variety of applications in agriculture, cleaning products and detergents, and in wood preservation.



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