



- Ideal for residential, commercial and certain agricultural projects
- Available in sizes suitable for a wide range of applications
- Ground contact general use, fresh-water immersion, and salt-water splash applications
- Easy-to-paint or stain
- Listed in the Standards of the American Wood Protection Association (AWPA)
- Field-tested, proven-to-last, and accepted as an industry standard
- Building code compliant (2012 IRC and IBC)



THUNDERBOLT INC.
WOOD TREATING

We Treat Wood Right



THUNDERBOLT INC.
WOOD TREATING

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ACQ Protect™ —

Preservative you can count on

ACQ Protect™ 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.

ACQ Protect™ treated wood does not contain any California Prop. 65 or EPA-listed hazardous chemicals. The main active ingredient in ACQ Protect™ is copper, which has long been established as the most cost effective preservative component used in timber preservation. Quat acts as the cobioicide in the ACQ Protect™ preservative, providing additional protection from 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 Protect™ are used for the control of fungi and bacteria in swimming pools and spas.



- **Residential Use & Homeowner Projects**

- Decks, Porches, Arbors, Gazebos, Fences, Walkways & Retaining Walls
- Raised Beds, Planter Boxes, Outdoor Furniture, Picnic Tables & Play Sets

- **Commercial Project Use**

- Sill Plates, Furring Strips, Shakes & Shingles
- Pilings, Piers, Boardwalks, Bridges & Permanent Wood Foundations
- Structural Columns, Sign Posts, Utility Poles, Building Poles & Guardrails

- **Agricultural Use**

- Tomato & Grapevine stakes and Livestock Fencing
- Post Frame Structures, Pole Barns, Stables & Corrals



ACQ Protect™
PRESSURE-TREATED
WOOD

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.

Direct contact of ACQ Protect™ treated wood with aluminum fasteners and fittings is not recommended.

Painting, Staining or Natural Weathering

ACQ Protect™ 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, ACQ Protect™ will initially weather to a natural brown color, eventually turning gray following long-term exposure to the sun.

Handling and Safety Information

ACQ Protect™ pressure-treated wood is easy to work with, requiring no special precautions other than routine wood working safety procedures. When working with or machining, the following safety precautions should be followed: Gloves should be worn to protect against splinters and abrasions. A dustmask should be worn when machining any wood to reduce the inhalation of wood dusts. Appropriate eye protection should be worn to reduce the potential for eye injury from wood dust or particles and flying debris during machining and construction. Wash thoroughly with mild soap and water after working with any treated wood product. Wood scraps should be disposed of by burial in accordance with applicable federal, state and local regulations.

Do not burn treated wood products.