

## SupaTimber® Fact Sheet

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SupaTimber® pressure-treated wood is protected from rot, decay and termite attack with Chromated Copper Arsenate (CCA) wood preservative.



[CCA Label PDF\(KB\)](#)

Generally, the label authorizes use of CCA in most industrial and commercial applications. Most of those applications are heavy retention treatments of 0.50 or more pounds per cubic foot. The only standards under which lower retention treatments may be used are C9, C25, C28, C33 and C34. Dimension lumber historically treated with CCA to .25 or .40 under AWPA standard C2 must now be treated with alternative preservatives.

### Examples of CCA Uses that will be permissible under the new label language

The following list is taken from the 2001 edition of the AWPA standards to illustrate examples of the types of wood that fall within each standard. While the list is not exhaustive, it does provide some examples of specific uses within each AWPA commodity standards that may be treated with CCA.

#### Lumber and Timber for Salt Water Use Only (AWPA Standard C2)

Aquaculture timber, in salt water and subject to marine borer attack

Boat Building material

- Lumber, timbers, plywood, in salt water and subject to marine borer attack

Bulkhead Sheathing

- In salt water and subject to marine borer attack

Mariculture lumbers and timbers

- In brackish or saltwater use and subject to marine borer attack

Marine lumber and timbers

- In brackish or saltwater use and subject to marine borer attack

Oyster farming timbers

Highway Material

- Structural lumber and timbers in salt water use and subject to marine borer attack

#### Piles (AWPA Standard C3)

Highway Material

- Piles, foundation, land and fresh water use
- Piling in salt water use and subject to marine borer attack

Piles

- Foundation (round)
- Land and fresh water use (round)
- Marine (round) in salt or brackish and subject to marine borer attack
- Marine, dual treatment (round)

#### Poles (AWPA Standard C4)

Agriculture, Wood used on farms

- Round poles
- As round structural members

Highway material

- Poles, lighting

Poles, agriculture

- Round

Poles, building

- Round

Poles, utility

- Distribution
- Transmission

#### **Plywood (AWPA Standard C9)**

Agriculture, Wood used on farms

- Plywood, not in soil contact
- Plywood, in soil contact

Boat building material

- Plywood, fresh water
- Lumber, timbers, plywood, in salt water and subject to marine borer attack

Building construction material

- Roof decking, plywood

Decking, Tongue and Groove

- Flooring, plywood
- Subflooring, plywood

Decking

- Roof, plywood

Plywood

- Sub-floor, damp, above ground
- Exterior, above ground
- Soil contact

#### **Wood for Highway Construction (AWPA Standard C14)**

Beams and timbers, glue laminated before or after treatment

- For highway construction

Decking

- Highway bridge

Highway material

- Lumber and timber for bridges, structural members, decking, cribbing, and culverts
- Structural lumber and timbers in salt water use and subject to marine borer attack
- Piles, foundation, land and fresh water use
- Piling in salt water use and subject to marine borer attack
- Posts: Round, half-round, quarter round
- Posts: Sawn
- Poles, lighting

Glue laminated beams

Brine Storage buildings

Posts, guardrail

- Round
- Sawn

Posts, sawn four sides

- Highway
- Other

#### **Poles, Piles and Posts (including fence posts) Used as Structural Members on Farms, and Plywood Used on Farms (AWPA Standard C16)**

Agriculture, Wood used on farms

- Round poles and posts as round structural members
- Sawn poles and posts

- As structural members
- Plywood, not in soil contact
- Plywood, in soil contact

Sawn building poles and posts

- As structural members

Round building poles and posts

- As structural members

Sawn structural timbers (piles)

- Supporting residential and commercial structures

Poles, agriculture

- Round
- Sawn

#### **Wood for Marine Construction (AWPA Standard C18)**

Aquaculture timber, in salt water and subject to marine borer attack

Mariculture lumber and timbers

- In brackish or saltwater use and subject to marine borer attack

Marine lumber and timbers

- In brackish or saltwater use and subject to marine borer attack

Oyster farming timbers

Piles

- Marine (round) in salt or brackish and subject to marine borer attack
- Marine, dual treatment (round)

#### **Lumber and Plywood for Permanent Wood Foundations (AWPA Standard C22)**

##### **Round Poles and Posts Used in Building Construction (AWPA Standard C23)**

Round building poles and posts

- As structural members

Poles, building

- Round

##### **Sawn Timber Used to Support Residential and Commercial Structures (AWPA Standard C24)**

Sawn structural timbers (piles)

- Supporting residential and commercial structures

Piles

- Sawn timber piles

##### **Sawn Crossarms (AWPA Standard C25)**

Crossarms, sawn

##### **Structural Glued-Laminated Members and Laminations before Gluing (AWPA Standard C28)**

Beams and timbers, glue laminated before or after treatment

- Damp environment, above ground
- Dry environment, above ground
- Ground contact

Highway material

- Glue laminated beams

##### **Structural Composite Lumber (AWPA Standard C33)**

Highway material

- Structural composite lumber

Lumber, structural composite

- Above ground
- Soil or fresh water contact
- Highway construction

#### **Shakes and Shingles (AWPA Standard C34)**

Shakes and Shingles

Siding, commercial, residential, agricultural

- Coated

#### **Painting and Staining or Natural Weathering**

- SupaTimber 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 improve weathering performance.
- Left uncoated or with clear water repellent coatings, SupaTimber will weather to a natural gray color.
- It is important to ensure that the wood is dry and free from surface deposits prior to applying any coating.

#### **Nails, Fasteners and Fittings**

Hot dipped galvanized or stainless steel fasteners and fittings are recommended. Anti-corrosion coatings applied to fasteners and fittings in contact with treated wood will enhance long-term performance. Direct contact of SupaTimber treated wood with aluminum fasteners and fittings is not recommended.

#### **Water Repellent and Prestain Options**

SupaTimber treated wood is also available in most markets with the built-in water repellent protection of UltraWood.

SupaTimber DesignWood pressure-treated wood comes with a cedar tone pre-stained finish for those who want their project to have a stained finish look right from the start.

#### **SupaTimber Recommended Retentions for Various Non-Residential, Industrial and Commercial Applications**

Application - Retention (lbs/CuFt) - Uses:

- Above Ground - 0.25
- Ground Contact Fresh Water 0.40
- Permanent Wood Foundations - 0.60 - Wood foundations, crawl spaces
- Poles - 0.60 - Building, transmission and distribution poles
- Pilings - 0.80 or 1.00 - Standard and foundation piles
- Marine Pilings - 1.50 or 2.50 - Marine Piles

[Click here for Product Handling Information](#)