



Protected by a Blend
of Dissolved &
Dispersed Copper

with
Color Enhancer

The Evolution of CA-C with CE

It is not unusual for preservative formulations to change over time. In fact, a lack of change is an exception. Cox Industries, producer of DuraPine® wood, has long been a pioneer in introducing the best of new preservatives.

So it is with copper azole preservative, one of the successors to CCA for residential and non-industrial applications.

The original European formulation was called Copper Boron Azole (CBA). It included a borate – an ingredient determined to be unnecessary for North American applications. As a result, CBA gave way to Copper Azole type B, designated CA-B. Since its creation, scientists have found an effective combination of non-metallic co-biocides that allow for a reduction in copper content. This is type C, CA-C, which can be produced using dissolved copper or dispersed copper (μ CA-C) particles*.

CA-C with Color Enhancer is a hybrid, combining the best features of dissolved & dispersed copper. It's a form of Wolmanized® Residential Outdoor® wood.



In addition to prolonged service life, DuraPine® wood products have the environmental advantages associated with wood itself. Their source is a renewable and rapidly replenished resource grown on managed timberlands, requiring less energy to produce than alternative building products and offering greater insulation value. Furthermore, growing forests and wood products reduce greenhouse gases.

* Particles that have been finely ground to approximately one millionth of a meter (a micron)

Take advantage of the best features

DuraPine® by Cox wood combines the natural beauty of real wood with long-lasting resistance to termites and fungal decay. It's ideal for decking, railing and structural deck components, walkways, gazebos, fences, and other backyard projects.

- Lighter in color
- Lifetime limited warranty
- Less corrosive
- Less copper
- Environmentally safe
- Improved paintability
- An economical choice

DuraPine® wood with Color Enhancer overcomes two complaints sometimes heard about previous micronized copper formulations – color and penetration.

The very light color of micronized copper treatment causes occasional confusion between treated and untreated wood – it is not always evident to consumers or dealers that it was preservative treated – and that color tends to highlight knots and natural but undesirable characteristics of the wood.

Furthermore, concerns have arisen about the ability of micronized copper, even though its particles are microscopic, to penetrate wood as thoroughly as copper that is dissolved in a liquid solution. Deeper penetration provides deeper protection.

DuraPine® wood with Color Enhancer eliminates both concerns because its treating solution contains an ingenious color booster that gives a natural green tint to wood, and the preservative consists of both dissolved & dispersed copper for assured penetration.

For more information, call **(800) 476-4401** or visit us at: **www.coxwood.com**

Building Tips

- Check the lumber tag. Make sure that the intended use shown on the tag matches your application.
- For a deck floor: if the wood is wet and heavy, butt boards together as some shrinkage will occur; if wood is dry and light, separate boards slightly (max. 1/8") to allow for future swelling.
- For 2" lumber, use 3 1/4" nails or 3" screws. For 5/4 decking, use 3" nails or 2 1/2" screws.
- Screws take longer to drive than nails, but hold boards securely and will allow for easier removal if necessary.
- Visit www.coxwood.com for more building tips.

Recommended Hardware

Although this preservative is less corrosive than traditional types, we recommend hot-dipped galvanized fasteners (meeting ASTM A153) and connectors (ASTM A653 Class G185 sheet) or better, as required by most building codes. For Permanent Wood Foundations and where salt spray is prevalent, use 304 or 316 stainless steel.

The chemistry of most preservatives includes metals to protect the wood from rot, fungal decay and termites. Dissimilar metals in contact with each other, especially in the presence of moisture, tend to corrode. Precautions should be taken when attaching items such as aluminum flashing or siding in direct contact with wood preserved by a copper-based treatment. Sound construction practices include placing barriers between this treated wood and any aluminum.

Maintenance Tips

- No maintenance is needed to renew resistance to fungi and termites. DuraPine® wood has a lifetime limited warranty against these organisms.
- For protection against moisture damage, spray or brush on an effective brand of water repellent as soon as your project is finished or, for large projects, as sections are completed.

- It helps to re-apply a topical water repellent every year or two.
- To revitalize a dingy appearance caused by dirt, mildew and mold, use a deck brightener to clean the wood.
- Check with the experts in the store's coatings department for recommendations on water repellent, stain, and cleaner.

Safety Information

This wood has been preserved by pressure-treatment with an EPA-registered pesticide, copper azole, to protect it from termite attack and fungal decay. Wood treated with any preservative should be used only where such protection is necessary or important.

In the treating process, copper azole penetrates deeply into the wood where it remains for many years. However, a small amount of chemical may migrate from preserved wood into surrounding soil over time and may also be dislodged from the wood surface upon contact with skin. Precautions should be taken when handling the preserved wood. Many of these precautions also apply to untreated wood and other building materials.

Handling Precautions

- Dispose of treated wood by ordinary trash collection. TREATED WOOD SHOULD NOT BE BURNED in open fires or in stoves, fireplaces or residential boilers.
- When sawing, sanding, and machining wood, wear a dust mask. Avoid frequent or prolonged inhalation of sawdust from wood, treated or untreated. Whenever possible, these operations should be performed outdoors.
- Wear gloves when working with wood. Wear goggles to protect eyes from flying particles. Use proper techniques when lifting.
- After working with wood, and before eating, drinking, toileting, or using tobacco products, wash exposed skin areas thoroughly.
- Because preservatives or sawdust may accumulate on clothes, they should be laundered before reuse. Wash work clothes separately from other household clothing.

Simplified Descriptions of Use Categories Shown on End Tags

USE CAT.	DESCRIPTION	EXAMPLES
UC1	Interior, not in contact with ground or foundation	Interior furniture, millwork
UC2	Interior, subject to dampness	Interior beams, flooring, sill plate
UC3A	Exterior, above ground, coated	Coated millwork, siding, trim
UC3B	Exterior, above ground, may be finished	Decking, walkways, railings, fence pickets
UC4A	Exterior, ground or freshwater contact	Fence posts, deck posts, poles in areas with low risk
UC4B	Exterior, ground or freshwater contact, severe environments, high potential for deterioration	Utility poles, building poles, Permanent Wood Foundations
UC4C	Exterior, ground or freshwater contact, very severe conditions or very critical structural components	Freshwater piling, foundation piling, utility poles in semi-tropical or tropical environments

L I F E T I M E L I M I T E D W A R R A N T Y

Covering your use of DuraPine® for as long as you own your home or farm.

When used in an application which is consistent with the intended end use identified on the product label or stamp and in conjunction with a residential or agricultural structure located in the United States of America, then subject to the conditions contained in this Warranty, your DuraPine® is warranted against such damage by termites or fungal decay as would make the lumber structurally unfit for the applications for which it was intended.

This warranty is good from the date of purchase for as long as you own the property on which your DuraPine® structures are built. This warranty is applicable to the original purchaser and property owner only, and is not transferable to any other property owner. The original consumer purchaser will be entitled to be reimbursed for the actual, reasonable cost of DuraPine® which is purchased to replace wood which was made structurally unfit by damage due to termites or fungal decay. To obtain the necessary prior approval for, and make arrangements for, this reimbursement, the original owner must send sufficient warranty labels, along with the original purchase invoice, showing that a sufficient amount of DuraPine® was originally purchased to cover the number of board feet claimed to be damaged, to the Warrantor, at:

DuraPine® • Warranty Claim Administrator
Cox Industries • P.O. Drawer 1124 • Orangeburg, SC 29116

When making any warranty claim you may be required to send photographs and pieces of damaged wood. In addition, at the Warrantor's request, the Warrantor and its representatives and agents must be permitted to inspect and test the damaged structure.

Warrantor shall not be liable hereunder for damage to DuraPine® resulting from any cause other than termites or fungal decay, or for any damage to wood which has been used in a structure outside of the U.S.; used in foundation systems (such as the Permanent Wood Foundation, and piling, pole or heavy timber type residential construction); used in swimming pool sidewalls; used as fence posts, vineyard stakes or tree supports in agricultural applications; used where immersed in salt water; used for commercial or industrial projects; used in commonly

owned property and structures such as condominiums; or used for an application or in a way that is not consistent with the end use identified on its original label or stamp.

Warrantor shall not be liable for any installation, repair, construction, labor or similar costs, or for any costs or damage which may be associated with the natural characteristic of some wood to split, crack, warp, or twist. Neither will warrantor be liable for claims resulting from the propensity of molds and surface fungi to grow on non-arsenically treated wood. To the maximum extent permitted by applicable law, in no event shall Warrantor be responsible for any direct, indirect, incidental, consequential or financial damages or expenses of any kind whatsoever, howsoever caused (whether or not due to any deficiency or negligence in manufacturing, and whether or not relating to loss, damage, death or injury) arising out of or relating to your purchase or use of DuraPine®.

For hem-fir, Douglas fir, and western hemlock, this warranty is null and void unless all cut ends and bore holes were properly coated at the time of construction with a suitable wood preservative, such as Wolmanized® Wood End Cut Solution, containing a minimum of 1% copper. Proof of purchase of the preservative is also required. These species are covered by this warranty only when used in the states of Alaska, Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, and Hawaii (except for unincised decking which does not meet AWPAs recommended standards, which is specifically not warranted by Warrantor in Hawaii).

By purchasing DuraPine® you accept this Warranty and hereby acknowledge that this Warranty replaces all other representations, warranties, guarantees, terms, covenants, agreements, promises, commitments, duties of care or conditions ("Representations"), expressed or implied, statutory or otherwise, including, without limitation, any warranty of merchantability or fitness for a particular purpose, quality or suitability, and there are no other Representations whatsoever with respect to DuraPine® except the specific warranty given hereunder. Only the Warrantor is liable under this Limited Warranty and the directors, officers, employees and agents shall have no liability of any kind to you or to others with respect to your purchase or use of DuraPine®.