

# CULPEPER PALMETTO PRIME

An environmentally sound, natural alternative to costly composite trim that maintains its structural and aesthetic integrity.

**Palmetto Primed** Treated Lumber is a premium product that is graded clear—two edges and one face with no wane—and treated with a non-arsenic based preservative that is environmentally safe. It undergoes kiln drying after treatment (KDAT), and is re-manufactured to a consistent thickness and width with slightly eased edges, and finally primed with high-quality exterior oil-based primer, fully encapsulating the product on all six sides.

All six sides of Palmetto Primed Treated lumber are “encapsulated” with a top quality oil-based primer. (End cuts must be primed prior to installation to maintain warranty and to minimize call-backs and warranty claims.)

**Oil-based primers on wood products greatly increase the durability of the substrate as recommended by the Forest Products Laboratory and Southern Pine Council.**

**Oil-based primers are vapor barriers and will prevent absorption of additional water into the board.**



To avoid premature wood failure, properly specified and applied coatings can significantly improve the durability of wood building products. Factory pre-priming/pre-sealing is recommended by the USDA's FPL, FEMA, Southern Pine Council, Western Wood Products Association, California Redwood Association, Western Red Cedar Association, Building Science Corporation, and many others.



**CULPEPER COLUMNS  
AVAILABLE PRIMED**

*Factory pre-priming/pre-sealing is recommended by the following authoritative organizations:*

- Encapsulated with a top quality oil-based Primer.
- Palmetto Primed is a premium product that is graded clear -two edges and one face with no wane.
- Treated with a non-arsenic based preservative that is environmentally safe.
- Oil-based primers are vapor barriers and will prevent absorption of additional water into the board.



As Architects and Designers gain a renewed understanding of the damaging effects of UV light and moisture infiltration, they understand a properly written specification of the best protective coating and process will have many environmental and economic benefits. The specification of a factory pre-coated wood process will extend the durability of wood building products, increase the usefulness and applications of sustainable species such as Southern Yellow Pine and is a responsible use of our valuable natural resources. Factory pre-coating is an environmentally conscious process over field applications due to controls and methods of application and management of waste streams, resulting in a reduction in cost to the end user, and often gains a coating warranty ranging from 15 to 25 years.

It is important to note that the Forest Products Laboratory recommends that all end cuts must be coated to prevent end grain consumption of moisture. The reason is that the end grain of a wood product has been shown to have as much as 250 times greater absorption capability than side grain. This is understandable due to the method of how a tree supplies moisture to its branches and leaves/needles.

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### 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. To prevent voiding the Limited Warranty, recoat trimmed or ripped edges with a quality oil-based primer..
- Wear gloves when working with wood. Wear goggles 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.

### 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, used 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, can lead to corrosion. 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.

### 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.