

WOLMANIZED® ET® BROWN P O L E S

Combining the longevity and cleanliness of CCA poles with the climbability of oil-impregnated poles and traditional brown coloring



Life Cycle Assessment

An independent life cycle assessment confirmed that CCA utility poles use less energy and resources, have a lower environmental impact, decrease greenhouse gas levels, and offset fossil fuel use, when compared to concrete, steel and fiber-reinforced composite utility poles.

For more information see the report at Wolmanizedwoodhd.com/poles.



Following treatment with CCA, the outer layer of ET® poles is treated with a refined hydrocarbon oil emulsion. This emulsion serves as a lubricant, making the pole easier to climb and to work on, without affecting the preservative properties of the CCA treatment. The result is a number of practical features.

Warranty. Wolmanized® CCA-treated poles are backed by a 50-year warranty against damage from termites and fungal decay. For details, see wolmanizedwoodHD.com/poles.

Low conductivity. The low conductivity of dry Wolmanized® poles provides protection against the effects of current leakage and increases the security of line workers.

Fixed preservative. Because of CCA fixation in the wood, there is virtually no migration. As a result, remedial groundline treatment is not required for aging poles and rotation of poles in storage is unnecessary.

Cleanliness. These poles are non-oily, non-staining, and have no fumes for to utility workers and to people who might come in contact with them.

Health risk assessment. A respected environmental consulting firm, Gradient Corporation, conducted a human health risk assessment on children who play near CCA poles and workers with exposure to these poles. The assessment found that exposure to CCA-treated utility poles and adjacent soils is significantly less than the intake of naturally occurring inorganic arsenic in food or tap water.

Climbability. Excellent climbing characteristics have been confirmed by numerous field-climbing trials on both new and aged poles.

Workability. They are easier to saw, drill and nail into than regular CCA poles because the emulsion additive acts as a lubricating oil.

Verification. Retention of oil can be readily verified by inspection agencies — a difficult task with other additives.

Fire resistance. The addition of oil emulsion can lessen the effects of fire. A study by representatives of The Australian National University concluded that “CCA-oil treated posts were less likely than CCA-C or CCA-wax treated posts to be destroyed after two hours of smouldering.”



The Climbability Lasts

	9-Year Trial 1997	14-Year Trial A 2002	14-Year Trial B 2002	20-Year Trial 2008	23-Year Trial 2011	25-Year Trial 2013
CCA	4.8	5.5	4.6	5.6	5.1	5.1
Penta	7.2	7.0	—	7.6	5.7	6.9
CCA ET®	7.6	7.3	6.8	7.6	6.8	6.1

Numbers shown above represent the mean scores for climbability, as given by linemen following climbing trials. Scores are based on a 1-10 scale, with 10 being the highest rating. All poles were installed in 1988.

Contact Us.

www.WolmanizedWoodHD.com/poles

