

CHEMONITE® ET® BROWN P O L E S

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



Evaluation of an ET® Brown Pole

Conclusion of first evaluation after installation in 2012:

While Southern Pine CCA ET Brown proved to be the highest rated poles in this group; ET Brown noticeably improved the climbing characteristics of ACZA treated Douglas fir poles. These poles will continue to be evaluated on a minimum 5-year basis with the results compared to those of the previously installed and evaluated poles.

One-Year Evaluation (Category Average)

Species	Treatment	Gaff Penetration	Insertion Force	Withdrawal Force	Confidence
Douglas Fir	ACZA	5.0	4.9	5.3	5.8
Douglas Fir	ACZA ET® Brown	5.6	5.9	6.0	6.5
Southern Pine	CCA ET® Brown	6.0	6.2	6.9	6.7

Numbers shown above represent the mean scores for climbability awarded by linemen at the conclusion of climbing trials. Scores are based on a 1-10 scale, with 10 being the highest rating.





Following treatment with ACZA, 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 ACZA treatment. The result is a number of practical features.

Warranty. Wolmanized® ACZA-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 ACZA 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 utility workers and to people who might come in contact with them.

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 ACZA 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.

Life Cycle Assessment

An independent life cycle assessment confirmed that ACZA 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 www.Chemonite.com.



Contact Us.
www.Chemonite.com

