

Osmose®



Pole Topper® Pole Top Protection

The Problem

Decay and splitting at the pole top create unnecessary replacement costs, safety risks, and the potential for avoidable outages. Pole top decay and splitting can occur on poles in all regions of the United States. Over time, even properly treated poles become susceptible to degradation by a variety of agents including ultraviolet light, water, wood destroying fungi, and insects.

The Osmose Solution

Create a "roof" that is durable, inexpensive, and shields pole tops from weathering and deterioration. The Pole Topper helps protect that small but critical area - pole tops - from decay and the effects of weathering caused by rain, freeze/thaw cycles, and UV rays. Pole Toppers create a durable, flexible, and long-lasting barrier against moisture and sunlight that helps to maintain structural stability and preservative retention. Pole Toppers adhere to virtually any shape pole, can be installed in minutes without hardware or tools, and provide decades of performance.



Pole Topper

The Pole Topper is manufactured from a cross-linked, reinforced, water and UV resistant material with performance characteristics similar to commercial grade roofing. Pole Toppers are strong, light, and easy to install. Pole Toppers maintain their elasticity and adhesion in both high and low temperatures. The material has been tested for ozone resistance and accelerated weathering.

- ✓ Available in four sizes to fit both distribution and transmission poles
- ✓ Highly resistant to UV degradation and weathering
- ✓ Installation requires no metal fasteners
- ✓ Adheres strongly to wood and to itself
- ✓ Forms easily around existing hardware on in-service poles
- ✓ Clean and dry to the touch
- ✓ Conveniently packaged 10 to a box; can be easily stored on line trucks

Industry Confirmation

"RUS has evaluated the Osmose Pole Topper and accepted it for use on new construction. It is currently the only pole top protection device to receive this acceptance." **Rural Utilities Service**

"We have long advocated for the tops of utility poles to be protected with a water shedding cap. While the original preservative treatment does afford some protection, checks that develop on the exposed endgrain can allow moisture to penetrate beyond the original depth of the treatment." **Oregon State University Utility Pole Research Cooperative**

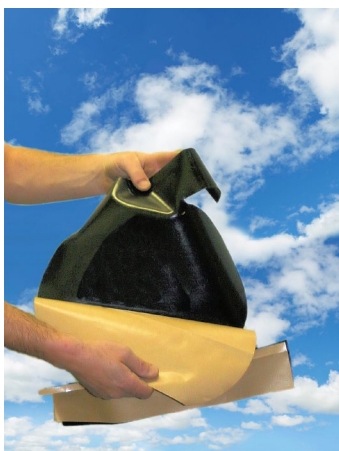
Savings

Many utilities include the cost of pole top protection in the capital budget of materials for new pole installation, which are depreciated over time, creating future savings for both O&M and capital accounts. A small investment in a Pole Topper can provide later cost avoidance of pole replacement due to pole top decay. Replacement costs range from \$2,500 per pole for a smaller cooperative to \$10,000 for a large utility. Saving even one pole can pay for an entire Pole Topper program!

Ideal Applications

- ✓ Every new pole installation
- ✓ When maintenance activities are performed on in-service poles
- ✓ "Cut and Cap" - on poles with active decay where the decayed section can be removed and treated with a liquid preservative like Hollow Heart® CB prior to installation of the Pole Topper

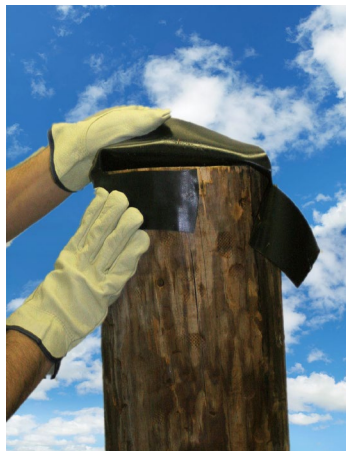
Installation



Step 1:
Peel protective backing



Step 2:
Center and adhere to top



Step 3:
Wrap tabs around pole and
fold excess top over edges*



Step 4:
Completed application

*Nails may be used to secure tabs in damp or cold conditions that may affect adhesion but are not required.

Sizing & Ordering Information

Pole Toppers are available in four sizes (diameters) for telecom, distribution, and transmission sized poles and are packaged 10 to a box. Call for quantity discount pricing for 50 boxes or more.

- 12" Pole Topper fits Class 6 poles and smaller
- 16" Pole Topper fits Class 5, 4, and 3 poles
- 19" Pole Topper fits Class 2, 1, H1, and H2 poles
- 23" Pole Topper fits H3, H4, H5, and H6 poles

For more information on Pole Topper or to place an order:

CALL 770.632.6700 opt. 3

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