

Osmose®



Fire-Guard® Wood Pole Protection

Distribution and transmission lines are often located in areas that are susceptible to wildfires. Osmose **Fire-Guard®** is a proven fire retardant coating designed to protect all species and treatments of wood utility poles from fire damage. For 30 years, the latex-based formula has provided excellent flame resistance and can withstand years of outdoor weathering. Fire-Guard is available in spray-on and brush-on formulas.



Benefits of Fire-Guard

- ✓ **Flexibility** - Fire-Guard applications have flexibility to address many types of fuel loading situations.
- ✓ **Cost-effective** - Fire-Guard helps reduce the cost of post fire pole repairs and replacements.
- ✓ **Long-lasting** - When applied properly, Fire-Guard products can withstand years of outdoor weathering and multiple burn incidents, depending on intensity and duration of the burn.
- ✓ **Easy to apply and clean up** - Fire-Guard brush-on and spray-on formulas are water-based. They dry quickly and tools can be cleaned up with soap and water.
- ✓ **Safe** - Fire-Guard contains no solvents, plasticizers, or asbestos. It has near zero VOCs and requires no specialized training and only standard PPE.
- ✓ **Breathable coating** - Fire-Guard's latex-based formula is breathable. It will not encapsulate moisture and promote decay.
- ✓ **Serviceable** - Once applied, Fire-Guard does not interfere with the serviceability of the pole. The coating is gaffable and borable so the pole can be inspected, remedially treated, or repaired.
- ✓ **Extensively tested** - Fire-Guard has been independently fire tested to the proposed ASTM standard and has completed QUV testing consisting of 8,000 hours of exposure to the EN927 standard. Fire-Guard products have a dielectric strength of 178 V/mil using the ASTM D149 standard which means there is no added conductivity risk to the pole.

Application of Fire-Guard Coating

Fire-Guard coating is typically applied to poles with a high pressure airless sprayer. A brush-on formula is also available for full applications or where repairs are needed.

A 1/8 inch wet coating is recommended from ground level to a minimum height of 3 to 4 feet, depending on brush height. An additional two to three feet of vertical pole surface above anticipated vegetation should be protected with a 1/16 to 1/8 inch coating.

- Fire-Guard should be applied to a clean surface. Remove vegetation, loose surface debris, excess preservative material.*
- Checks and minor pole damage can be effectively protected using Fire-Guard formulations.
- Fully cures in 24 hours.
- Fire-Guard products can be applied by Osmose personnel or purchased for application by utility crews.

*Bleeding poles may require a fiberglass substrate prior to applying Fire-Guard for the best long-term adhesion.



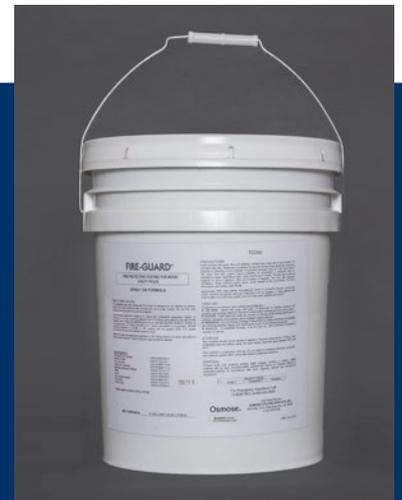
Ordering Information

Brush-on and spray-on formulas are sold in five-gallon pails.

70-030-010-010 | Fire-Guard Brush-On | 5 Gallon Pail

70-030-020-020 | Fire-Guard Spray-On | 5 Gallon Pail

70-030-020-025 | Fire-Guard Woven Fiberglass Mat | 4 ft x 114 ft roll



**For more information on Fire-Guard or to place an order,
call 770.632.6700 opt. 3 or email products@osmose.com.**