



alamon
FIRE SHIELD

WILDFIRE PROTECTION FOR YOUR OVERHEAD INFRASTRUCTURE

Alamon Utility Services
315 W. Idaho Street
Kalispell, MT 59901
800.252.8838
www.alamon.com



FIRE PROTECTION*

Q:

What is made of wood and doesn't burn when exposed to open flame at over 2,100° F for three minutes?

A:

Your utility pole when wrapped with Hexion ArmorBuilt™ Wildfire Shield from Stella Jones.

Armor Built™ Wildfire Shield is a durable and long-lasting resin system with unique, proprietary properties that allow it to fuse with a fiberglass webbing substrate that is strong and breathable. This helps the wood pole achieve equilibrium with climactic conditions associated with its placement. Importantly, fiberglass is also a good electrical insulator. When the pole is exposed to a wildfire, the intumescent coating activates, creating an effective heat insulation barrier which helps protect the wood from the fire's damaging heat.

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Stella-JoneS

HEXION
Responsible Chemistry

* No evidence of charring found in EDM Wildfire Simulation Burn Test, January 2020.

APPLICATION

EASY TO INSTALL

Alamon applies the wildfire shield to both new and existing wood utility poles. Galvanized staples are used to attach the tightly wrapped material firmly to the pole.

STANDARD WRAP HEIGHT

Poles are typically wrapped from a minimum of 1' below the groundline height consistent with fire threat. Brush fire protection, for example, could require wrapping from 6' to 20' up the pole, where crown fire protection may require wrapping considerably higher, perhaps even to the top of the pole. Post-fire, poles may be re-wrapped for protection from future wildfires.

FULLY CLIMBABLE

Unlike materials such as steel or composite, wood poles properly wrapped with Hexion's ArmorBuilt Wildfire Shield can be handled and climbed just like a traditional wood pole and do not require special handling equipment or practices.



KEY ADVANTAGES

- ◆ Protection from fire damage.
- ◆ Easily applied to new and existing poles.
- ◆ Little to no impact on climbing.
- ◆ Long lasting, durable materials.
- ◆ 20-year limited warranty.
- ◆ Reduces pole replacement and associated costs.



CONTACT

Nathan Anunson
Operations Manager
Alamon Utility Services West
800.252.8838
nathan.anunson@alamon.com

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