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Erosion Control and Slope Stabilization for Fire-Prone Areas

The negative impact of wildfires lingers long after the fires burn out. Wildfires destroy essential vegetation that maintains slope structure, intercepts storm water runoff, and filters contaminants before they reach the ground water table. PYRAMAT featuring non-halogen fire retardant technology offers a resilient, nature-based, and cost-effective solution.



PYRAMAT® 75 High Performance Turf Reinforcement Mat and PYRAMAT® 25 Turf Reinforcement Mat are erosion control solutions engineered to mitigate the risk and increase resilience of wildfire-prone areas through non-halogen fire retardant technology.

Non-halogenated flame retardants work by interfering with the chemistry of the flame, producing less heat and suppressing smoke. Additionally, they don't pose the same health and environmental concerns as halogenated retardants.



Applications

- ◆ Areas prone to wildfires
- ◆ High-risk fire zones
- ◆ Highways
- ◆ Railbeds
- ◆ Landfills
- ◆ Defensible spaces
- ◆ Burn scar remediation

Performance Features:

- ◆ Ignition resistant
- ◆ Self-extinguishing*
- ◆ No flame spread*
- ◆ Zero burn rate
- ◆ Superior slope protection
- ◆ Quick installation to rapidly mitigate post fire flash flooding
- ◆ Encapsulated flame resistant additives will not inhibit vegetation
- ◆ Superior UV resistance for up to 75 year design life
- ◆ Nature-based solution
- ◆ Verified low carbon footprint
- ◆ Resistant to both hydraulic and non-hydraulic stresses
- ◆ Recognized by the Environmental Protection Agency (EPA) as a Best Management Practice (BMP) to improve water quality

* ASTM D2859 & FMVSS 302



Propex® Low Carbon Solutions

Propex engineered earth armoring solutions have been protecting and stabilizing channels, slopes, levees, and stream banks for more than 20 years. These are cost-effective and nature-based solutions with a significantly smaller carbon impact than traditional solutions.

