

## **Advanced Firebreak Technology System**

Our amazing Advanced Firebreak Technology System, is brought to you directly from our partners, Colorado Firebreak, offering ideal wildfire protection for residential, commercial, and community development projects and any other structural application needs.

### **Customized Wildfire Protection to Defend Your Home**

Colorado Firebreak has developed a revolutionary high-tech wildfire mitigation system to guard homes from the destruction of wildfire.

These customized wild land fire defense solutions include sophisticated systems that will protect both your home and the trees and vegetation that surround it. Colorado Firebreak also provides simple do-it-yourself fire retardant spray options that offer effective, but more limited defense.



More than 600 Colorado homes were destroyed by wildfire last year. These homeowners lost valuable assets and irreplaceable mementos. Colorado Firebreak has the wildfire protection systems you need in a wildfire disaster. Colorado Firebreak designs and builds customized systems to deliver fire retardant sprays in the event of a wildfire. We engineer and install fully-automated wildfire mitigation systems that become operational when sensors detect the UV wavelengths unique to fires. Colorado Firebreak also sells the FireIce Home Defense Unit. In combination, these options create a customized

firebreak for your home, outbuildings, and the surrounding trees and property. You decide the level of protection you desire.

### **Defend Your Home with Our Fire Retardant Delivery Systems**

For most homes, Colorado Firebreak recommends our mid-range wildfire protection system, designed to protect your home and an area 50-feet around it. It includes wildfire detection sensors that wirelessly signal the control panel to activate Stage One.



Stage One, FireIce powder is combined with water pumped from an underground storage tank. This creates the FireIce protective gel, a revolutionary fire retardant product used by many professional firefighting organizations to stop fires fast. Multiple fire suppression lines installed on the home deliver the FireIce gel so that it covers the home. As the fire nears, the control panel activates Stage Two.

In Stage Two, fire suppression lines in the tree canopy at the perimeter of the home spray water on all trees. The microclimate that Stage Two creates lowers temperatures and raises

humidity, producing a natural firebreak around the home. Because Stage Two applies water to the area 50-100 feet around the home, it can protect valuable vehicles, outbuildings and trees.

The Colorado Firebreak system is fully self-contained, including an isolated water tank and power sources. Depending upon the system chosen, it is activated either manually or automatically and relies on either electrical or gas power generation. The system is customized to your home and property's environment, and to the area you want to protect.

### **The FireIce Home Defense Unit**

For the homeowner who wants a do-it-yourself fire retardant system, Colorado Firebreak recommends the FireIce Home Defense Unit. Using the same FireIce gel that our automated systems use, the Home Defense Unit is designed to deliver fire retardant through a powerful sprayer on wheels. It includes enough FireIce to cover a home up to 2,500 sq. ft. Additional buckets of FireIce® may be purchased as needed.

#### **FireIce gel is:**

- Environmentally friendly and non-toxic. It is safe for plants, wildlife, pets, and children.
- Non-corrosive and cleans up easily. Just rinse with water to wash it off.
- Long-lasting and effective. It does not break down over time and consistently outperforms the best Class A foams.
- FireIce is designed to protect structures in heat as high as 2000 degrees Fahrenheit.



### **Request a Wildfire Mitigation Consultation Today!**

The team at Colorado Firebreak knew that wildfire mitigation solutions that focus only on the home offer inadequate protection. Their goal was to engineer and construct a system that would protect the home and create a firebreak around it.

Our team has extensive experience with high-pressure water systems, fire science, threat evaluation, and fire systems engineering, and this specialized knowledge and skill allowed us to create a unique wildfire protection system. The system's innovative design not only covers the home in a fire retardant gel spray, but hydrates the trees and vegetation around the home producing a micro-climate that lowers air temperatures, raises humidity, and acts as a natural firebreak.

There is no system that offers your home 100% guaranteed protection from wildfire. But, by combining a Colorado Firebreak system with standard wildfire protection advice like clearing flammable debris and thinning vegetation, you can mitigate the risk to your home from a wildfire threat. Learn how you can defend your home in the event of a wildfire. Colorado Firebreak delivers the fire retardant products and systems to provide a customized wildfire mitigation solution. Our team can construct a high-tech system that creates a firebreak around your home or a larger perimeter of your property.

Let us meet with you and inspect the unique challenges presented by your home and property. Our team will develop a customized plan to mitigate the risk to your family's home in a wildfire disaster.