



**EVOGUARD™**

BY EVOLUTION PROTECTION



# WHAT IS EVOGUARD



EvoGuard™ is a reusable extreme weather barrier made from high-performance technical mesh that gives homeowners and commercial properties an erosion control system that is affordable, convenient, and easy to install. EvoGuard™ contains sediment while slowing and redirecting the flow of water to mitigate the effects of soil erosion caused by mudslides, debris flow, stormwater, windblown sand, snowdrifts, and other land encroachment threats... all while enjoying greater peace of mind.





## PRODUCT HISTORY



## EVOGUARD™ HAS BEEN PROVEN IN THE FIELD

FOR OVER 6 YEARS, EVOGUARD™ HAS PROVIDED LARGE SCALE SOLUTIONS TO PROTECT AGAINST DESTRUCTION CAUSED BY NATURAL DISASTERS.

Commercially known as SOXfence™, EvoGuard™, at its origin, is part of the SOX Erosion Solution's family of erosion control products. For over twenty years, SOX Erosions Solutions has been partnering with municipalities, engineers, general contractors, and other commercial entities, to innovate preventative and responsive solutions to a variety of risks caused by erosion.

SOXfence™ has been successfully deployed in large scale projects for over six years, protecting land and safeguarding communities, nationwide, against the forces of nature.





# LARGE SCALE SOLUTIONS



WAKE BREAK



SNOW DRIFT



POST WILDFIRE MUDSLIDE



BLOWN SAND



DEWATERING



PERIMETER CONTROL



COMPOST PEN



MUNICIPAL USE



DEBRIS CONTAINMENT



TURBIDITY CURTAIN



CONSTRUCTION BMP





## WHY CONSUMERS?

EvoGuard is now available in both commercial and consumer markets!

# EVOGUARD™ IS NOW BRINGING SOXFENCE™ TO CONSUMERS



**PROVIDING HOMEOWNERS WITH THE MOST EFFECTIVE DIY SOLUTION FOR PROTECTING PROPERTY AGAINST MUDSLIDES, SOIL EROSION, AND OTHER LAND ENCROACHMENT THREATS.**

The idea for a consumer focused erosion mitigation product was born on the fire-ravaged slopes of Madera County, California in 2020. As almost 400,000 acres of forest burned, threatening lives and homes, SOX Erosion Solutions went to work with government officials focused on one goal – to control post-wildfire mudslides and debris flow. Using SOXfence™, these goals were met.

In short, this patented, fire retardant and flood resistant perimeter barrier protected critical access roads, allowing first responders to save lives and extinguish the blaze. The added beneficial consequence to this project is that the hundreds of hillside homes below the access roads were also protected. From this realization, EvoGuard™ was born - with the premise that individual homeowners could protect their property with the same systems that kept roads open in the aftermath of California's most devastating wildfire.

Now, homeowners can join the ever-growing community of do-it-yourselfers who seek to protect what they value most. The commercially proven SOXfence™ product can be purchased as EvoGuard's Extreme Weather Barrier DIY kit; an easily installed layer of protection to gain peace of mind against mudslides and debris flow.



# MARKET COMPS

There are NO OTHER easily deployable, affordable, reusable solutions available to consumers for the protection of their homes and properties.



VS



## EVOGUARD

- >> 100' of protection, 2' of containment height
- >> Lightweight; 100' weighs less than 12 lbs
- >> Easy DIY deployment
- >> Reusable, with a 5 year warranty
- >> KNITTED-RipStop design
- >> Non-trenched; integrated post sleeves
- >> Low maintenance
- >> UV stabilized & fire retardant

## WATTLE

- >> 12' sections only 10" height
- >> Bulky and cumbersome; 12' weighs 30 lbs
- >> Quickly saturates and loses function
- >> One time use
- >> Difficult to install, unruly and bulky
- >> May require trench; stakes exposed
- >> Frequent & high maintenance
- >> Quickly decomposes
- >> Flammable

## SILT FENCE

- >> Low function, quickly fails
- >> Designed for commercial use and temporary BMP
- >> Cumbersome to deploy
- >> One time use
- >> NOT intended as a DIY system
- >> NOT a longterm solution
- >> Frequent & high maintenance
- >> Highly susceptible to shred due to nature of woven materials

## SANDBAGS

- >> Sandbags/RipRap - oh no!
- >> 25-50 lbs per bag - TONS of no fun!
- >> One time use
- >> Cumbersome to deploy
- >> Brutal to mobilize and install, with significant inherent risk
- >> Becomes 50 lb projectile in many cases
- >> Try to put a 100' wall of sandbags in the trunk of your car.. forget it!



# WHAT'S INCLUDED

**EVOGUARD'S DIY KIT** provides consumers with a highly effective and easily installed barrier of protection from destructive weather events threatening their home or property. The kit includes everything needed for success. It can be set up quickly and taken down for storage and reuse. It is available in 50ft and 100ft lengths in natural tan or green.

- 5 Year Warranty
- Reusable
- Reduce costly insurance claims
- Low-impact, eco-friendly

TECHNICAL MESH



BASALT FIBER STAKES



GROUND PEGS



PROTECTIVE CAPS



UV STABILIZED ZIP TIES



CARRY BAG & GLOVES





## WHAT'S INCLUDED

**EVOGUARD PRO** is a perimeter control and debris flow barrier system for any residential or commercial project. EvoGuard contains sediment, while preventing offsite transfer of silt and contamination of waterways. This multi-use barrier is best-in-class for sediment control BMPs and also serves as a turbidity curtain or dredge pen.

### TECHNICAL MESH



### ZIP TIES



- Multiple options for lengths and heights
- Available in bulk orders for larger projects and commercial use
- Posting stakes and other components must be sourced separately

### INSTALLATION GUIDE





# HOW IT WORKS

Containment of soil allows for vegetative growth and restabilization of hillsides and slopes.

Integrated Sleeves



**BURSTING STRENGTH** Lightweight and high performing, the system has been tested to withstand an excess of 22,000 lbs/sf of static bursting strength.

**NON-FLAMMABLE** Manufactured with an ASTM rated fire retardant, which renders the technical mesh a self-extinguishing non-accelerant. Additionally, the material is UV stabilized, protecting it from long-term exposure.

**CONTAINMENT TOE** The technical mesh extends into a horizontal flap that makes positive contact with the ground. The unique design allows for sediments to collect, adding mass and weight to the system and therefore increasing its function while it works. No trenching necessary.

**RIP-STOP TECHNOLOGY** The technical mesh is thoughtfully designed to allow for impact penetration without resulting in unraveling. The system can withstand the impact of an isolated event, without weakening the integrity of the remaining panels.

**INTEGRATED SLEEVES** Unlike the weak link in other perimeter barrier systems, where the material requires attachment to the post, EvoGuard's technical mesh is constructed with post sleeves that fully integrate the stakes into the system, maximizing its structural integrity.

**STRUCTURAL ZONES** The integrated structural rope channel (running along the top and bottom of the technical mesh) paired with integrated post sleeves (on the left & right side of each panel) create individual structural zones that function independently and together as a unit.







RYAN LEEDS  
*CEO & Founder*

[rleeds@evolutionprotection.com](mailto:rleeds@evolutionprotection.com)

NATASHA VIDAL  
*President*

[nvidal@evolutionprotection.com](mailto:nvidal@evolutionprotection.com)

**MYEVOGUARD.COM**

**THE DIY EXTREME WEATHER BARRIER.**  
FOR MUDFLOW AND EROSION.

**PREPARE**  
**PROTECT**  
**PREVAIL**