

WattleFence™ Biodegradable Sediment Control Alternative



What is WattleFence™?

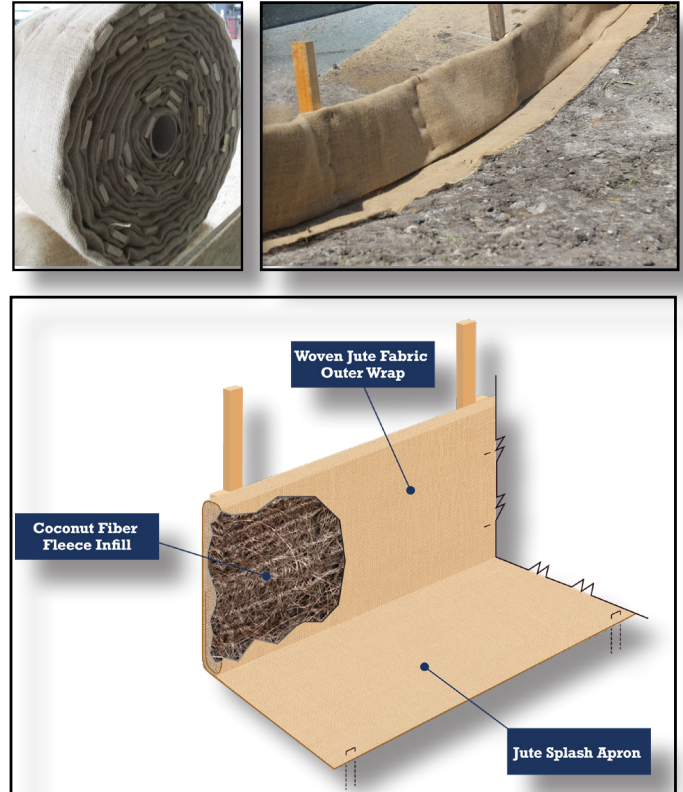
WattleFence is the next innovation in sediment control, combining the best features of wattles (a.k.a. logs, SFRs) and silt fence. Western Green has developed a tool that creates a **unique and powerful value proposition for those working to contain sediment-laden flow on site**. The finished product is unique in the complete-biodegradability components. WattleFence is constructed using a fleece of coconut fiber that is placed on a biodegradable, planar, woven fabric. This arrangement is folded, forming a thick, multilayer product that measures approximately 9 inches high. Additionally, a six-inch splash apron is left for securing to the ground. Once deployed on site, the product forms an L-shape with the splash apron secured to the ground and the fleece fence held vertical by stakes. This unique system does not require trenching and provides an upstream apron.

Environmentally-Friendly and Renewable

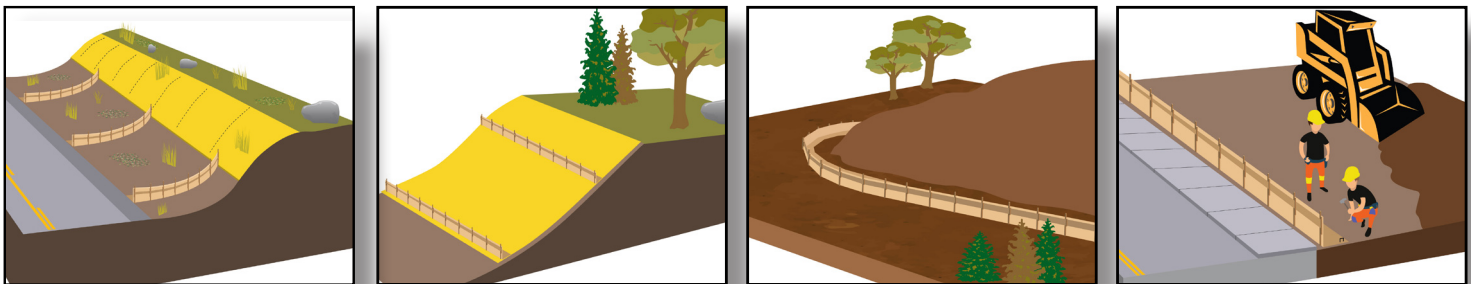
WattleFence is **constructed from natural, renewable components**, and is installed with wood stake supports. The final unit is unique in that it removes all plastics, poly nettings, and metal staking. The result is a sediment control device that is an environmentally-friendly product compared to silt fence, plastic netted logs, or poly-fabric compost socks. The WattleFence is made in the USA, and can offer a solution for project sourcing requirements.

One-Touch Installation

WattleFence works best with the easiest possible installation practice with a unique staking system, easy handling, no trenching or secondary apron requirement. Because of the condensed packaging, a single 100 linear ft unit of WattleFence can be handed easily by a single person, and installed with no equipment needed. Using wooden stakes and other degradable components, the system can be left in place without removal. Comparatively, silt fence often must be removed and wattles can leave plastic netting long after the filling has degraded. **WattleFence allows the contractor to fasten and forget.** WattleFence is a good choice for a wide range of applications including slope interruption protection, channel flow dissipation, stockpile and perimeter control, and more.



Shown Above: Finished WattleFence Unit, WattleFence Installed, All-natural components of WattleFence





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- Road Grids
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- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

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SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS