WATTLEFENCE

Specification Sheet
Wattle Fence™ (9 Inch)
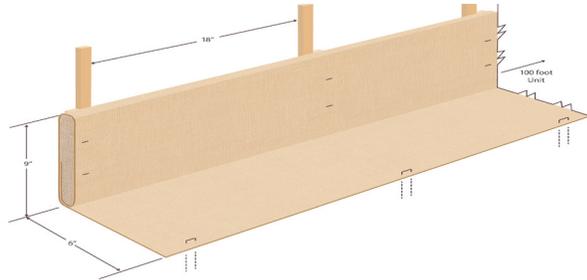
DESCRIPTION

The WattleFence is a patented sediment retention devicec constructed using a fleece of coconut fiber wrapped in a biodegradable jute woven fabric. The finished WattleFence has a 9" height, 100' long with a 6" splash apron. To support the WattleFence units wood slats are stapled at 18" intervals along the length of the fence and used with a jute backstrap to constrain the device to free standing wood stakes. The Wattle Fence provides the combined features of wattles and silt fence including sediment reduction and turbidity reduction, while using 99.99% biodegradable components.

Material Content	
Fiber Infill	100% Coconut fiber fleece
Outer Fabric Wrap	100% Woven Jute fabric
Backing Slats	1.5 in x 0.75 in x 9.0 in

Standard Roll Sizes	
Nominal Height	9.0 in (23 cm)
Length	100 linear ft (30.5 m)
Splash Apron	6-8 in (15-20 cm)
Unit Weight	22± 10% lb/100 LF

Material Content	Typical
Maximum Flow through Rate	20 gpm per foot
Long Term Flow Rate*	10 gpm per foot
Approximate Filter Opening **	1.0 mm
Free-flow, Single Fence Turbidity Reduction	22%

*As sediment laden flow passes through the WattleFence, the fabric blinds, reducing flow rate and improving sediment capture.

** Filter opening defined as 95% finer grain size in material collected downstream of WattleFence in flume testing. This, 5% of sediments collected were equal to or greater in diameter than filter opening.