

ERTEC Environmental Systems

Protecting the Integrity of Global Lands and Waterways™

Case Study

ProWattle™
Power Plant Construction

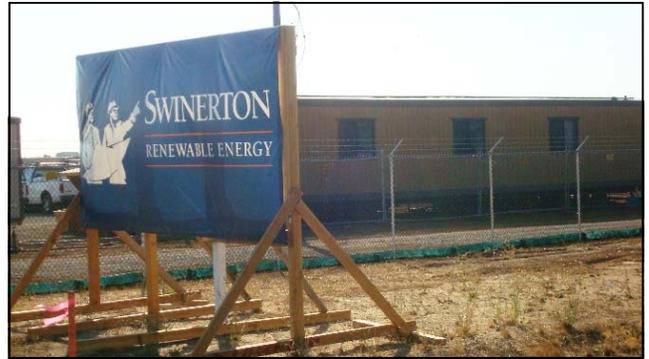


- > Lower Operational Costs
- > Better Performance
- > Sustainable—Zero Waste
 - ✓Recycled
 - ✓Reusable
 - ✓Recyclable



Application: Solar Panel—Plant Construction
Product: ERTEC ProWattle™
Location: Elk Grove, California (3 sites)
Customer: Swinerton Construction
Project Dates: August 2011 and ongoing

ERTEC ProWattle™ is ideal for projects which last more than 9 months as a replacement for traditional devices such as silt fence and wattles. **Its advantages are significant. It will endure the entire project and require almost no maintenance. It is higher performing, lower cost, and zero waste.** ProWattle™ is designed to protect slopes, swales & perimeters from erosion and dramatically reduces logistics, installation and maintenance costs. ProWattle™ is fast to install and unlike straw wattles and silt fence, it spreads rather than concentrates flow.



The Challenge: Current best practice is to use either silt fence or wattles to keep sediment from moving off-site. In this application, wattles and silt fence can become ineffective by allowing damming and undercutting. As the straw or fence material decays, storm water flow through and overtopping becomes common. Solar Plant construction projects often last 18 months or more and it is common that a large percentage of the wattle or silt fence installation must be maintained or replaced. ProWattle™ can overcome the above concerns, provide better risk management, and provide a significant economic advantage to the builder.

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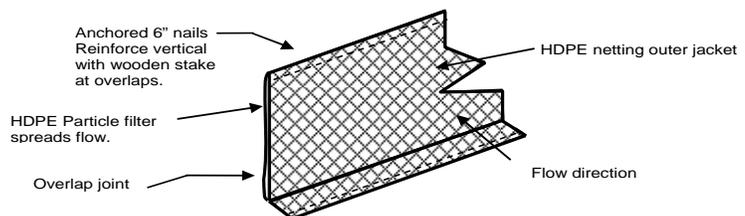
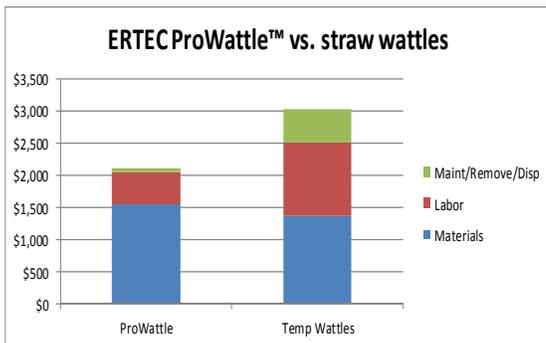


ProWattle™ used as a check-dam



ProWattle™ can be used on Perimeters, Slopes, and Swales.

Results: “ERTEC performed very well during the winter. ERTEC is all-around much easier to work with than wattles or silt fence. The hassle factor is way less. ERTEC is much more durable than wattles, providing for a large cost savings.” - Dave Simpson, Project Manager HMM Builders (Swinerton Construction)



Several U.S. and Int'l Patents apply

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