

ERTEC Environmental Systems

Protecting Global Lands and Waterways™

Case Study Hard Surface Guard™ & S-Fence™



- > Lower Operational Costs
- > Better Performance
- > Very Long Duration
- > Zero Waste
 - ✓ Reusable
 - ✓ Recyclable



Anchored here with Masonry Nails



Nail guns are an option for HSG



A long run of Hard Surface Guard 10" at base of privacy fence

Application: Site Perimeter Sediment Control—Hard & Soft Surfaces
Products: Hard Surface Guard™ and S-Fence™
Project: Sun Gro Horticulture Manufacturing Plant
Location: Sacramento, CA
Application: Facility Perimeter Sediment Control Protection
 Effluent Filtration, Stormwater Flow Management

Hard Surface Guard™:

- is designed to seal to hard surfaces to keep debris, soil or other particulates from moving off-site.

S-Fence™:

- is a high performance, long duration substitute for traditional silt fence

Both products allow water flow-thru and significantly reduce water velocity while providing particle and debris filtering. They are made from durable and recyclable HDPE

The Challenge:

- Sun Gro initially installed fiber rolls around the plant perimeter in an attempt to keep sediment and debris from flowing off the site during rain storms. This didn't work. It's common for water to flow underneath wattles on hard surfaces. Not only did fiber rolls need frequent replacement, they cannot adequately seal to the asphalt surface.

The Solution and Results:

- Hard Surface Guard™ was anchored with a nail gun, and set up against the Site Perimeter Fence in hardscape areas.
- S-Fence™ was installed in softscape areas, also against the perimeter fence.
- Solids in rainwater run-off to the street and eventually to the storm drain were significantly reduced.

Customer Notes:

- "We had trouble with straw wattles throughout the site with their inability to seal to hard surfaces, and ease of their destruction and normal decay. I am pleased with Hard Surface Guard™ and S-Fence™. They installed easily and it looks like we have good solution for both performance and durability. The products are holding up real well. They worked great in last year's rainstorms. It's a big cost saver that we won't have to replace them for a long time. - Michael Medina — Safety & Environmental Leader

Proven Results

- Time and again, ERTEC has delivered lower total cost and better sediment and particulate control.



Hard Surface Guard 10"



Hard Surface Guard 6"



S-Fence installed against the fence in soil surfaces