

Sediment Control Solutions

Putting you first with
solutions that last.



TITAN
BUILD YOUR LEGEND

Sediment Control

ENHANCED SOLUTIONS FOR STRUCTURAL STABILITY

Sediment control responds to unique needs in construction projects. Sediment control aims to mitigate environmental impacts during execution of construction projects.

SEDIMENT CONTROL

For construction projects adjacent to or near rivers, sediment control is an environmental necessity. This includes preventing the accumulation of silt, sediment, and debris caused by general construction operations. The primary products that provide sediment management functions are silt fences and turbidity curtains. While silt fence is used as a barrier around construction areas, turbidity curtain is used as a shield in the water.

HIGH PERFORMING PRODUCTS BACKED BY COMPREHENSIVE SERVICE

Sediment Control is site-specific, and no single solution can be recommended for projects. Whether you are an engineer or a civil contractor, Titan's comprehensive service supports the planning, designing, and construction phases putting the success of your project at the forefront.



PRODUCT SUPPLY

Sediment Control products are available from all Titan locations. We provide competitive quotes for a range of systems.



CONSULTATION & TECHNICAL SUPPORT

We offer site-specific sediment control consultation and sound technical support to help you select the right product for your project.



INSTALLATION SUPPORT

Our technical expertise extends to on-site installation assistance for erosion control systems to ensure product performance and overall project success.

Turbidity Curtain

A turbidity curtain is an effective solution for construction sites near waterways that are prone to erosion, turbidity, and unwanted silt buildup. Turbidity curtains are a type of floating vinyl barrier that is suspended in the water by a heavy-duty float and ballast weight chain system. The curtain acts as a shield, allowing silt and sediment to settle rather than flow into other parts of the body of water, and enables contractors to complete their work while protecting the aquatic environment.



Features

- Floating barrier system made from high-strength geotextile fabric
- Includes heavy-duty float and ballast weight chain for stability
- Modular design allows for reuse across multiple projects
- Available in both standard and custom sizes to suit site conditions

Benefits:

- **Effective Sediment Control:** Prevents silt and turbidity from spreading into surrounding water bodies.
- **Protects Aquatic Environments:** Shields ecosystems during construction near or in water.
- **Cost-Efficient:** Modular design supports multiple uses, reducing long-term costs.
- **Durable:** Built with tough materials to withstand harsh site and water conditions.
- **Customizable:** Available in various sizes to meet specific site requirements.
- **Easy Deployment:** Simple to install and remove, minimizing disruption to construction timelines.



Applications:

- Waterways near a construction site

Silt Fence

Silt Fence is a temporary sediment control device used around construction areas. It is used to help protect streams, rivers, and lakes from silt, sediment, and construction debris contamination. It is made up of woven geotextile stretched between a series of wooden stakes. The fabric is made from UV-stabilized, high-tenacity polypropylene yarns woven into a dimensionally stable network. This fabric is extremely durable and has excellent water flow and silt retention properties.



Features

- Temporary sediment control barrier made from woven geotextile
- Constructed with UV-stabilized, high-tenacity polypropylene yarns
- Supported by wooden stakes for perimeter installation
- Designed to retain up to 18 inches of sediment
- Available in 3' x 100' rolls

Benefits:

- **Protects Waterways:** Prevents silt, sediment, and debris from contaminating nearby streams, rivers, and lakes.
- **Durable:** Withstands concentrated flows and heavy winds for reliable performance.
- **Quick and Simple Setup:** Lightweight and easy to install around construction perimeters.
- **Cost-Effective:** Offers an affordable option for temporary sediment control.
- **Environmentally Friendly:** Recyclable materials support sustainable construction practices.



Applications:

- Along the perimeter of a project site.
- Below the toe or downslope of exposed and erodible slopes.
- Along streams and channels.
- Around temporary spoil areas and stockpiles.
- Below other cleared areas.



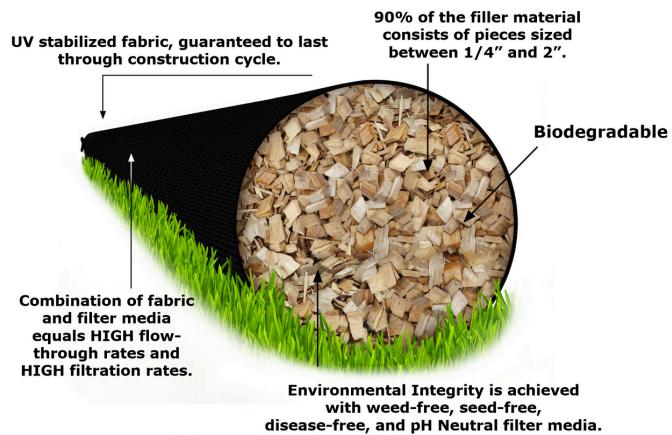
Sediment Control

Silt Sock

Silt Sock

Silt Sock is a polypropylene mesh filled with wood chips or other organic materials. It is a low-maintenance, cost-effective, environmentally friendly product used for sediment control on job sites.

Silt Sock allows water to pass through at a controlled rate while capturing sediment and pollutants. Filled socks may be used as an alternative to silt fence and straw bales in many areas. Silt Sock has a low profile, allowing for easy site access.



Features

- Ranges in size specifications from 8" to 24"
- Fabric is a Polypropylene Ultra Mesh Fabric
- Packed with wood chips that are free from weeds, disease and metals

Benefits:

- **Cost-Effective** - Silt Socks are fast to install, low maintenance, and easy to remove, making them more cost-effective over the course of a job.
- **Reliable** - With no trenching required, Silt Socks have a lower risk of improper installation and failure.
- **Flexible** - They provide better ground contact than silt fences and prevent water from flowing underneath.
- **Environmentally Friendly** - Silt socks and erosion control wattles are filled with 100% recycled, inert material. They also help to filter pollutants and debris from runoff water.
- **Better Site Access** - With a lower profile, silt socks make projects easier to access and more aesthetically pleasing.



Applications:

- Slopes
- Construction sites
- Banks of rivers/streams
- Storm water management and filtration

Titan Environmental supplies proven geosynthetics and specialty civil engineering construction solutions designed to extend the life of vital infrastructure while protecting precious natural resources.

We push limits with creative solutions. Our product lines include geomembranes, geotextiles, geogrids, primary & secondary containment systems, stormwater management solutions, drainage solutions, MSE wall & slope systems, and erosion & sediment control products. We service the road construction, agricultural, waste management, water resources, mining, oil and gas, and hydroelectric industries that support essential infrastructure worldwide. By providing engineers with a resilient foundation for building better, we've become North America's fastest-growing-end-to-end geosynthetics supplier, fabricator and installer.

We do more than help manage environmental impact, we help improve how that's done. With a team of audacious innovators and agile problem-solvers, we're trusted to adapt to change, respond quickly, and support you at every stage. When you build with Titan, you strive for your very best.



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