

Sediment Control

The original, patented compost filter sock for sediment and erosion control applications/construction activities



Filtrex Advantage

- Research proven—the best performance at the lowest cost
- Ideal for environmentally sensitive areas—NO trenching or soil disturbance
- Use on pavement or frozen ground
- Sustainable—uses annually renewable, locally recycled, organic materials
- Over 40 mesh materials ranging in size and strength to meet your project needs
- Customize with natural additives to remove targeted pollutants
- In compliance with EPA, AASHTO, USACE, NRCS, and most state agencies

Spec's and CADs at www.filtrex.com/specifications

Perimeter Control



The best BMP available—Filtrexx® SiltSoxx™ let water flow through while keeping sediment behind the Soxx™

- Best performance—50% greater flow through than silt fence
- Save time on installation, maintenance, and removal—our Soxx don't fall down
- Ideal for environmentally sensitive areas
- Available on pallets in precut lengths or continuous sections; or installed on site

Inlet Protection



Filters runoff water as it passes through by allowing water to temporarily pond

- Use around drain inlets, in front of curb inlets, and as a curb sediment containment system
- Emergency overflow prevents flooding
- Easy to maintain, replace, and repair
- No need to remove grate to install
- Available on pallets in precut lengths

Check Dams



Use for ditch, channel, and swale protection on or near land disturbing activities

- Slows concentrated stormwater flow velocity
- Reduces bed erosion
- Filters sediment & soluble pollutants
- Lower lifetime cost compared to rock check dams or silt fence
- Easy removal and disposal
- Can be vegetated for permanent applications
- Available on pallets in precut lengths

Slope Interruption



- Flexible SiltSoxx™ easily conform to the contours of the slope
- Avoid undercutting—heavy weight provides better surface contact
- Installed horizontally across the contour of hill slopes, perpendicular to sheet flow
- Use in areas of high sheet flow and erosion, and slopes up to a 1:1 grade
- Use in combination with other BMPs for vegetation establishment

Reduces erosion by slowing runoff velocity, dispersing runoff, and reducing effective slope lengths.

Sediment Trap



- No major excavation, soil disturbance, or pond construction
- Easily customized to fit most types of watersheds/drainage areas
- Easy removal and disposal
- Disperses flow across the trap barrier, thereby reducing concentrated flows
- Use to capture sediment and settle suspended solids from detention pond outfalls and/or potential overflows

Dry pond detention systems used to capture sediment and settle suspended solids in stormwater runoff

Concrete Washout



Reduce pH levels & remove soluble pollutants from wash water

- Customize with natural additives to remove targeted pollutants
- Customizable size and shape
- Easy removal of accumulated solids—water percolates through leaving only solids
- Save on transport and disposal costs—treat wash water on-site

Runoff Diversion



Redirects runoff away from industrial sites and erodible areas

- Vegetate to provide even greater stability
- Uses GrowingMedia™, a fine composted material that limits flow-through
- More stable than loose berms
- Avoid undercutting—provides better surface contact

FilterMedia™



Filtrex products are designed to Mimic Nature®—we use an aged composted FilterMedia (l) or Alternate FilterMedia (r) inside a tubular mesh to harness nature's design principles of containment, filtration, retention, detention, energy dissipation, and vegetation establishment. As stormwater flows through the Soxx, sediment and soluble pollutants are removed by:

- Physically trapping sediment inside the SiltSoxx, or through deposition behind it
- Chemically binding to organic matter
- Biologically degrading compounds with bacteria and fungi



Spec's and CADs

Would you like to incorporate a Filtrex application into your next design? Filtrex offers free specifications and CADs for over 25 applications at www.filtrex.com. Brand neutral specifications are available in The Sustainable Site: The Design Manual for Green Infrastructure and Low Impact Development (Forester Press).

Consulting & Design Services

Filtrex offers engineering, design, and research support services, including product recommendations, design calculations, plan reviews, site visits, product performance evaluations, on-site testing, design development, and site engineering.

Education & Training

We offer several opportunities to learn more about compost-based BMPs and low impact development. Attend our monthly webinars to understand how compost-based BMPs can dramatically reduce sediment and targeted invisible pollutants in stormwater runoff. Schedule a Lunch & Learn, selecting the topic of your choice from among several offerings. Or engage in our in-depth on-site training to become a Filtrex® CertifiedSM Designer or Installer. Contact us for more information.

Project Profiles & Case Studies

The quarterly newsletter of Filtrex features project profiles and case studies from around the world, as well as news & events happening in the industries of erosion control, stormwater management, and low impact development. View the archives at www.filtrex.com.

In Compliance with:

