



SEDIMAX™
SEDIMENT RETENTION

SediMax™ Sediment Retention Systems Offer Cost Effective Temporary Sediment Control Solutions

Keeping sediment where it belongs on active construction sites, bioengineering projects, steep slopes and wet areas can be a tough challenge. North American Green SediMax™ Systems sediment retention fiber rolls (SRFRs) protect construction perimeters, slow stormwater runoff and prevent sediment migration. These 100% natural fiber filled products can dramatically reduce surface sheet erosion and offer superior filtration capacity.

Used as a Best Management Practice (BMP) for capturing and retaining sediment, SediMax Systems trap soil particles while filtering runoff water to protect waterways, sidewalks and roads from sediment accumulation. While the EPA strongly advises against the traditional use of straw or hay bales on construction sites, SediMax Systems can be used for a wide range of applications.

The advantages of North American Green SediMax Systems include:

- ▶ Quicker to install than straw bales and silt fence resulting in lower project costs
- ▶ When compared to straw bales and silt fence, its lower profile facilitates effective filtration without an undesirable damming effect that can result in erosion on the sides and downstream of a structure
- ▶ Fewer seams than straw bales, reducing risk of sediment discharge and potential for NPDES violations
- ▶ American made, SediMax Systems can help earn points towards Leadership in Energy and Environmental Design (LEED®) project certification goals .



SEDIMAX-FR™ (FILTRATION ROLLS)

Formerly known as SedimentSTOP, SediMax-FR™ (filtration rolls) consist of a 70% straw and 30% coconut-fiber matrix reinforced with 100% biodegradable jute netting. When SediMax-FR is rolled edge to edge, it creates a highly-effective, temporary, three-dimensional, sediment-filtration structure that has been tested up to 98.5% efficient. Containing 50 linear feet, SediMax-FR rolls are convenient for transport to remote sites, such as many fire restoration areas. And, with 100% biodegradable construction, there's no need to remove the filtration roll from the jobsite once the project is complete, saving you time and money.



SEDIMAX-SW™ (STRAW WATTLES)

SediMax-SW™ (straw wattles) are an economical sediment and stormwater control alternative to silt fence and straw bales. These cylinders of reclaimed, compressed, agricultural straw are wrapped in UV-stabilized black synthetic or biodegradable jute netting. SediMax-SW is ideal for reducing the effective length of long slopes, protecting storm drain inlets from sediment flow, and perimeter control on active construction sites.

NO ASSEMBLY REQUIRED

SediMax™ Systems are simple to install, thanks to their portability, flexibility, minimal trenching and staking, and no special equipment requirements. Plus, North American Green installation guides are based on extensive research and field-proven techniques to ensure your project's success.

FIND YOUR MATCH

North American Green knows one size does not fit all, so we offer SRFs in different sizes and lengths for various site characteristics and requirements. Our certified North American Green Erosion Control Solutions Specialists can help you choose the product that is right for you and complies with EPA NPDES and other industry regulations. Use the Product Selection Chart below to choose the SediMax solution that is right for your next erosion control project.

THE NORTH AMERICAN GREEN ADVANTAGE

North American Green is the world's leading provider of comprehensive erosion and sediment control and turf reinforcement solutions as well as internal soil reinforcement solutions for site development challenges. We have developed integrated systems and products with the sole objective to ensure absolute customer satisfaction. Our products are backed by the most thorough quality assurance practices in the industry. And, we provide comprehensive design assistance for every North American Green System.

We can handle any erosion issues, whether your site needs short-term protection or permanent reinforcement. As with all North American Green specialty construction products and engineering services, we continually invest in erosion control innovation to ensure cost-effective solutions and exceptional results.

For more information on SediMax Sediment Retention Systems call **800-772-2040**, visit **nagreen.com** or email us at **info@nagreen.com**. We are happy to assist you in developing solutions for all of your erosion and sediment control and turf reinforcement projects.

SediMax™ Systems Product Selection Chart

	Product	Product Description	Size	Key Features	Typical Applications
Filtration Rolls	SediMax-FR	Straw/coconut fiber matrix with 100% biodegradable jute netting	Finished roll diameter of 9 inches (23 cm) Length: 50 ft (15.25 m) Weight: 65 lbs (29.5 kg)	Multiple configurations Splash apron Multiple netting layers 100% biodegradable	Wetlands Riparian areas Slope breaks Bioengineering
Straw Wattles	SediMax-SW12	Straw fiber matrix with tubular poly netting	Diameter: 12 inches (30.5 cm) Length: 10 ft (3.05 m) Weight: 37.5 lbs (17.1 kg)	UV stabilized netting Increased sediment retention capacity	Channel checks Wave breaks
	SediMax-SW9	Straw fiber matrix with tubular poly netting	Diameter: 9 inches (23 cm) Length: 25 ft (7.62 m) Weight: 60 lbs (27.22 kg)	UV stabilized netting Economical option	Highway and construction sites Perimeter control Inlet capture Slope breaks
	SediMax-SWB9	Straw fiber matrix with tubular 100% biodegradable jute netting	Diameter: 9 inches (23 cm) Length: 25 ft (7.62 m) Weight: 60 lbs (27.22 kg)	100% biodegradable No removal required Increased flexibility	Forest fire rehabilitation Stream banks and bioengineering



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