



BioWeave Erosion Control System

An environmentally friendly erosion control solution

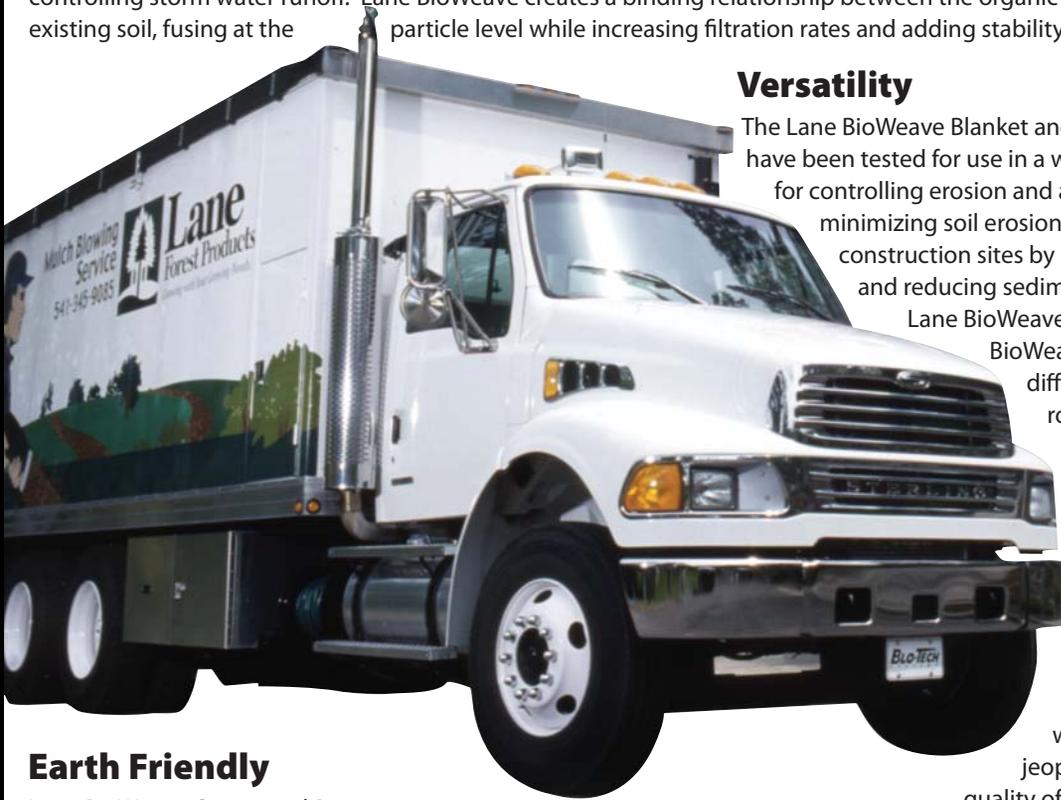
Erosion

Erosion control is one of the largest concerns associated with land disturbances. With the addition of new federal, state, and local regulations concerning the control of water runoff such as Phase II of NPDES, the importance and need for erosion control measures has increased in environmentally sensitive construction areas. Lane Forest Products offers a material that complies with these new requirements for erosion control while maintaining cost effectiveness. Lane BioWeave Covers and Lane BioWeave Berms take the place of erosion blankets or silt fences providing a less expensive and more effective method of controlling storm water runoff. Lane BioWeave creates a binding relationship between the organic cover material and the sites existing soil, fusing at the particle level while increasing filtration rates and adding stability to the topsoil.

Versatility

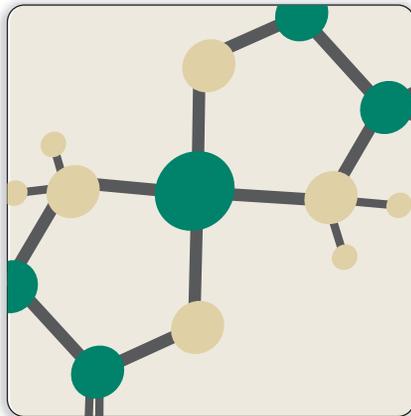
The Lane BioWeave Blanket and the Lane BioWeave Berm have been tested for use in a wide range of applications for controlling erosion and are more than capable of minimizing soil erosion on the most demanding construction sites by keeping the soil stabilized and reducing sedimentation of soil particles.

Lane BioWeave Covers and Lane BioWeave Berms can be used on different soil types for roadside erosion control, riparian restoration projects, and forestland preservation (with native seed added for further vegetative stabilization). Lane BioWeave is environmentally safe and can be used on the most fragile projects without fear of jeopardizing the water quality of our waterways.

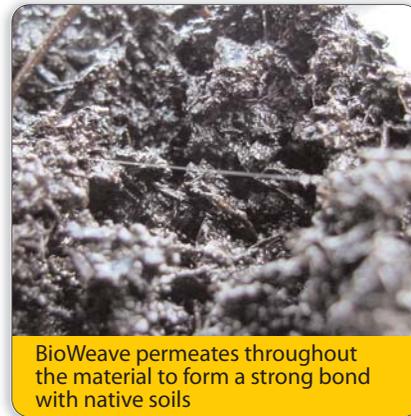


Earth Friendly

Lane BioWeave Covers and Berms are 100% organic, composed of the highest quality compost made from recycled organic yard debris found locally. This material would otherwise be disposed of into landfills taking up limited and valuable space. With the addition of native seed, Lane BioWeave Covers and Berms become the one stop erosion and restoration material for limiting the amount of construction site disturbance through our pneumatic application process.



Blowing a berm for erosion control



BioWeave permeates throughout the material to form a strong bond with native soils

Call toll free at

1-888-345-9085

Lane Forest Products

2111 Prairie Rd, Eugene, OR 97404
800 N. 42nd St., Springfield OR 97478

541.345.9085 phone
541.461.2427 fax
www.laneforest.com



3 Phase Process for Effective Erosion Control

Cover

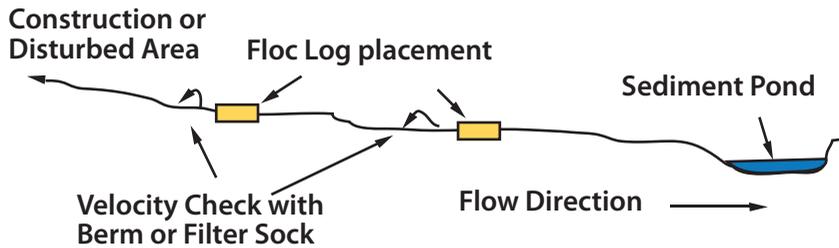
The Lane BioWeave Blanket makes the perfect “cover” for construction sites. Its ability to mold itself to the site gives Lane BioWeave unsurpassed erosion control properties.

Contain

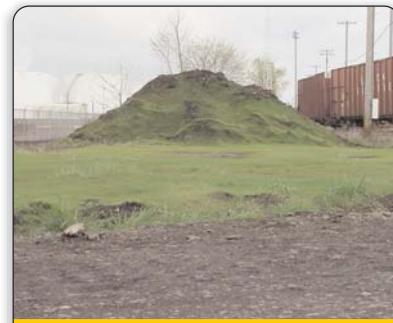
A Lane BioWeave Berm “contains” site sediment by filtering out most of the suspended particles in the site’s water. The berm acts as a velocity check, effectively limiting the erosion capabilities of water.

Control

The Floc Log is the last and final piece of the process to “control” sediment. The water that makes it to this point in the system is subjected to the industry leader in water treatment for turbidity. The Floc Log effectively settles out colloidal clays and other small particles that make it into solution. When installed properly a Floc Log can virtually eliminate sediment from reaching sensitive areas. This process controls the amount of sediment reaching areas outside the site’s perimeter.



Floc Log placement diagram



BioWeave with the addition of seed, forms a permanent erosion control material



Creating a BioWeave berm



Floc Log



Displace earth mound with seed impregnated BioWeave



BioWeave 4 weeks later



Blowing a berm for erosion control

Call toll free at

1-888-345-9085

Binding agent has been tested and has passed the EPA's 600/4-90/027F 48hr Acute Static Toxicity Test for Daphnia Magna, a crustacean extremely sensitive to toxins used for water quality testing. BioWeave's active binding agent is listed on the NSF standard 60 safe drinking water substances.

Lane Forest Products

2111 Prairie Rd. Eugene, OR 97404
800 N. 42nd St., Springfield OR 97478

541.345.9085 phone
541.461.2427 fax
www.laneforest.com

