



# EASTCOAST

## erosion blankets

### EC WATTLES

East Coast Erosion Blankets' sediment control device should be an important part of any comprehensive best management practice system for soil stabilization, sediment retention and vegetation establishment. They minimize the effects of slope steepness by shortening slope length, reducing runoff water velocity trapping dislodged soil particles, and are highly effective when used in combination with other East Coast Erosion Blankets' soil erosion products. EC Wattles are available in three standard sizes: 9" x 20', 12" x 10' and 20" x 8'.

### APPLICATIONS

EC Wattles provide temporary sediment retention for

- Storm drain inlet protection
- Direction of runoff water
- Reduction of water flow

Used alone or in combination with RECPs, EC Wattles will:

- Minimize slope length and steepness
- Enhance and protect agricultural land for greater use
- Provide cost-effective strategies for sedimentation control in construction areas
- Deliver low-cost strategies for erosion control and plant growth around streams and river banks

EC Wattles provide distinct advantages over silt fence installations:

- Easier and quicker installation in all types of soil and rock bed surfaces saving labor and equipment needs
- Greater application range and adaptability for slope and contour challenges through product mobility with placement and adjustment ease
- Natural, organic materials provide better visual and environmental solutions and can be vegetated

### DELIVERY, STORAGE & HANDLING

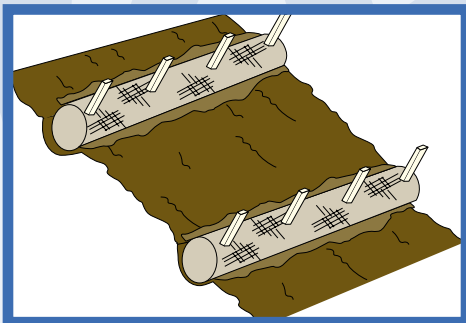
Proper handling of EC Wattles will help assure maximum effectiveness. Elevate EC Wattles off the ground and cover adequately to protect them from site construction damage; precipitation; extended ultraviolet radiation including sunlight, flames, sparks, excess temperatures; and any other environmental conditions that may damage the physical properties of the rolls.



## SITE PREPARATION & INSTALLATION

Proper site preparation and material handling is essential to ensure maximum performance of EC Wattles.

- A.** The slope and surface should be cleaned of all obstructions and impediments to assure EC Wattles will have direct contact with the soil.
- B.** Excavate a small trench to a depth of 3" to 5" for sandy soils, and 2" to 3" for dense soils, on the slope contour and perpendicular to the water flow. Soil from the excavation should be placed down slope next to the trench.
- C.** Carefully roll out EC Wattles and place firmly in trench with no gaps between the soil and the Wattle. Ends should overlap 6" minimum to prevent openings for water or sediment to pass.
- D.** Fasten EC Wattles to soil with wooden stakes. Place stakes at each end and every 4'. Drive stakes vertically into the ground on flat surfaces, and angled against the slope on hillsides. Should EC Wattles be damaged during installation, place wooden stake on either side of the damaged area to terminate the log segment.
- E.** On slopes, place EC Wattles horizontally, every 10' to 25', firmly overlapping ends to build continuous rows. Sandy soils and high rainfall totals may require tighter spacing.
- F.** Complete the installation by bracing EC Wattles with compacted soil on lower side of slope.



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## INSPECTION AND MAINTENANCE

It is imperative that EC Wattles be inspected after installation and significant rainfall events. Report any damaged wattles to Engineer immediately. There are to be no gaps between adjacent wattles or between soil surface and Wattle bottom. Repair any upslope or undercutting deficiencies for proper performance.

Remove all filtration impediments including sediment deposits and loose debris when such conditions impact Wattle functionality. Sediment build up should not be allowed to exceed one third of wattle height. Monitor changing conditions to anticipate wattle removal or replacement.

## TEMPORARY APPLICATIONS

Temporary wattles may be removed from the site only upon Engineer's approval, and should be removed according to NPDES regulations. Dispose of the excess wattles responsibly.

Removal of the temporary wattles may cause trenches, depressions or other ground disturbances. Backfill and repair all exposed areas with excess sediment and final erosion control protection.

## A FULL LINE OF EROSION CONTROL PRODUCTS

As a complementary solution to your comprehensive erosion control, soil stabilization, sediment retention and vegetation establishment efforts, you may also want to consider the full line of East Coast Erosion Blankets RECP's for short term, extended term, long term and permanent erosion control protection. East Coast Erosion Blankets deliver multiple, superior erosion control matrixes to cover a wide range of applications with one of the greatest uniform and consistent products within the industry.



**EASTCOAST**  
erosion blankets

443 Bricker Road • Bernville, PA 19506

1-800-582-4005 toll free • 610-488-8496 phone • 610-488-8494 fax

[www.erosionblankets.com](http://www.erosionblankets.com)