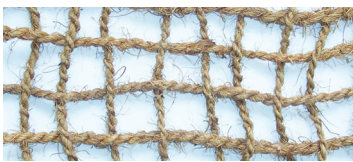
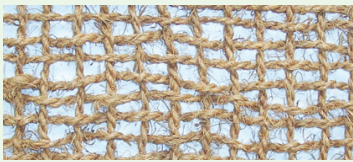



EC COIR MATS

East Coast Erosion Blankets' coir yarn mats should be an important part of any natural and environmental friendly -based best management practice system for soil stabilization, sediment retention and vegetative establishment. Coir fiber is a 100% natural organic product free of chemical additives, obtained from the outer layer of the fruit of the coconut tree. The fiber is then woven into mats have high tensile strengths with an installed functional longevity of four to six years. They can absorb 150-200% water by weight and minimize evaporation loss, allowing the rainfall to be available for the establishment and support of vegetation. They contain no synthetic nets and are wildlife friendly. Coir mats are totally biodegradable and convert into mulch that improves the organic composition of the soil.

EC Coir Mats are ideal for soil bioengineering and wetland restoration projects due to the open weave that allows planting through the mat without cutting the coir twines. The open weave also allows for seeding after installation.

PRODUCT	APPLICATION	VELOCITY	PHOTO
EC-4Y 400 gram	≤2:1 Slope Low Flow Channel	8 fps	
EC-7Y 700 gram	≤1:1 Slope Medium Flow Channel	12 fps	
EC-9Y 900 gram	≥1:1 Slope High Flow Channel	16 fps	

Refer to the East Coast Erosion Blankets standard installation staple patterns for slopes and channels at www.eastcoasterosion.com

DELIVERY, STORAGE & HANDLING

Proper handling of EC Coir Mats will help assure maximum effectiveness. Elevate EC Coir Mats off the ground and cover adequately to protect them from site construction damage, rainfall, flames, sparks, excessive temperatures and any other impacts that may damage the physical properties of the mats.



EASTCOAST
erosion control

443 Bricker Road • Bernville, PA 19506

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

Made in the USA

www.eastcoasterosion.com

EC COIR WATTLES

East Coast Erosion Blankets' EC Wattle is an excellent best management practice device for the minimization of accelerated erosion and the resulting sedimentation. The EC Coir Log or called Wattle is made from coir fiber and bound by coir twine that has a high tensile strength and an installed functional longevity of two years. Coir wattles are made with 100% natural organic fiber and are free of synthetic netting or chemical additives. Coir wattles absorb 150-200% water by weight without experiencing physical property alterations and are ideal for water-associated stream bank, lakeshore and coastal restoration and protection projects. Coir wattles are totally biodegradable and convert into mulch that improves the organic composition of the soil. Coir wattles are flexible and are easily installed.



APPLICATIONS

EC Coir Wattles are ideal for perimeter control of sediment-laden runoff from construction projects. They can also be used on steep slopes to reduce slope length and do not need to be removed after completion of the project, as they are 100% biodegradable. Similarly, they can be used as check dams in waterways and swales and provide an excellent growing medium for plants within the channel. They are the optimal best management practice choice for restoring eroded stream banks, lake shores and coastal areas. They can be installed at the toe of slope of the eroded banks and shorelines and resist the forces of velocity and waves. As a stream bank restoration device, they capture upslope eroded soils, as well as sediment dropped out during high flow conditions. The trapped sediment, along with the coir wattle provides an excellent growing medium for the establishment of riparian zone vegetation. Plant plugs can be installed directly into the coir wattle to promote quicker establishment of vegetation. Refer to the East Coast Erosion Blankets' EC Wattle installation guidelines for perimeter control, slope length reduction and check dams at www.eastcoasterosion.com.

Installation

1. For severely eroded or vertical banks/shoreline, grade to 2:1 and install a product from East Coast Erosion Blankets Eco Select™ Product Line or an EC Coir Mat.
2. Install EC Coir Wattles into the water at the toe of the slope to a depth of 6" (1/2 height of wattle).
3. Tie the end of the Coir Wattles with coir twine to provide a continuous linear system.
4. Drive a 36" wooden stake into the water next to the Coir Wattle, with 8" extending above the water level. Tie the stake to the Coir Wattle with coir twine, by weaving the twine through the netting on the Coir Wattle. Stakes should be installed every 36" (24" for high-flow streams).
5. Trench both ends of the linear Coir Wattle system perpendicular to the system, at least 3' into the bank/shoreline and cover with compacted soil.
6. Backfill on the upslope side with four inches of native soil and stabilize with desired vegetation
7. Plant plugs may also be inserted directly into the Coir Wattle.

