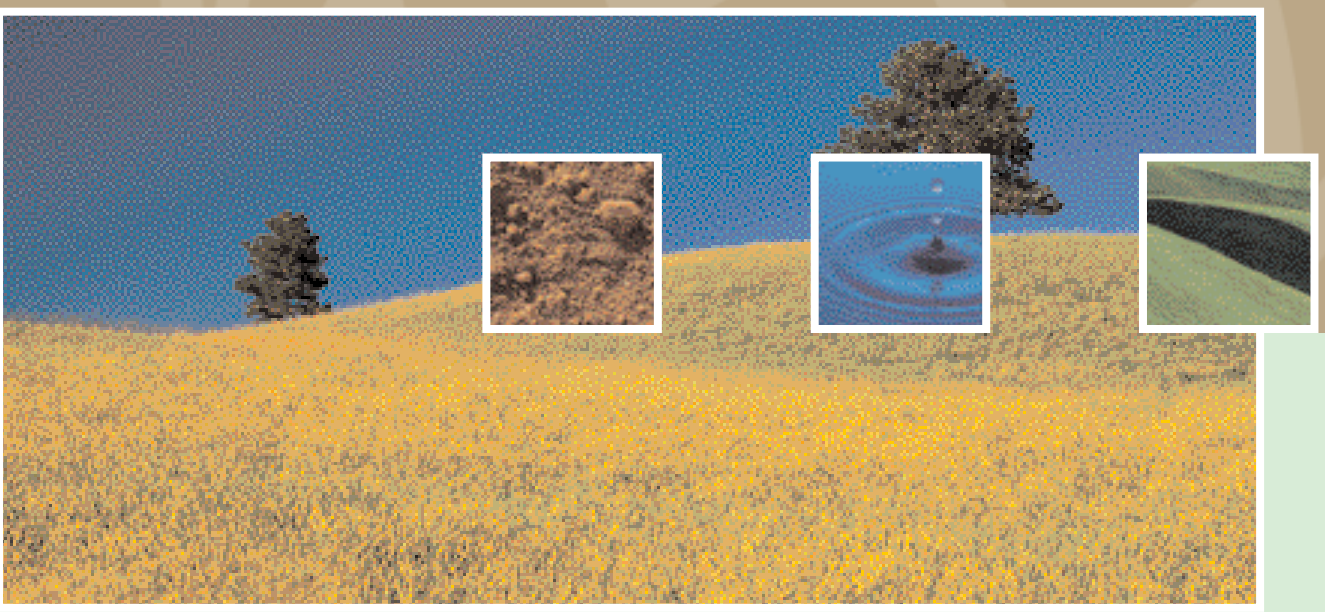
Just Add Water.



EASTCOAST
erosion blankets

Features and Installation Instructions

Protect Your Landscapes with
East Coast Erosion Blankets

Soil erosion can be a serious problem, resulting in catastrophic damage to water sources, landscaping, and wildlife. Repairing damage caused by soil erosion can be difficult, time consuming, and expensive.

Fortunately, most of the problems associated with soil erosion can be controlled or prevented with the use of East Coast erosion control blankets and mats. East Coast products are of the highest quality, and designed to solve all types of erosion problems.

Conveniently located in eastern Pennsylvania, East Coast offers products that provide short-term, extended-term, and permanent soil protection. East Coast erosion control blankets offer a variety of benefits, including the prevention of soil loss due to water or wind, and elimination of sediment run-off in ponds and drainage channels or onto dry areas. The blankets are ideal for protecting seed, and provide optimum conditions for establishing plant growth.

East Coast erosion control blankets are three dimensional in structure, allowing for optimal rainfall absorption, creating ideal conditions for maximum seed germination. This quick establishment of vegetation helps prevent the erosion of topsoil by the forces of water and wind. Topsoil erosion control helps avoid costly cleanups and extensive repairs to slopes and vegetation.

Advantages of Using East Coast Erosion Blankets:

- Manufactured in closer proximity to major East Coast markets, resulting in faster delivery times.
- Superior product quality enhances erosion control while fostering vegetation and improved germination times.
- Newer state-of the-art manufacturing process delivers better product performance.
- Multiple erosion control matrixes to cover a wide range of applications.
- Easy product application and installation procedures.
- Rolled edges to achieve a full 8 feet width of product usage.
- 4' and 8' widths and custom lengths available to meet your job specifications.
- The greatest length and width uniformity in the industry.
- Higher permissible sheer stress levels make our blankets stronger than most competitors.
- Ease of installation can save up to 25% in time and labor on most jobs.
- Palletitization allows for efficient handling and transportation.
- Blankets are tightly woven, with seams 1.5" apart and stitches 2" apart.

IECA
Corporate Member

Short Term Solutions to Soil Erosion Problems

ECS-1 Straw Single Net Blanket

Ideal for erosion protection and the establishment of vegetation for up to 12 months, the ECS-1 is an erosion control blanket designed for low maintenance areas such as subtle grades, swales, roadside slopes, and on slopes ranging from 4:1 to 3:1. The blanket is made from 100% agricultural straw, stitched with degradable thread to a single layer of photodegradable polypropylene netting.

Net:	Lightweight photodegradable polypropylene
Straw Fiber:	100% agricultural straw (0.55 lbs/yd²)
Thread:	Degradable

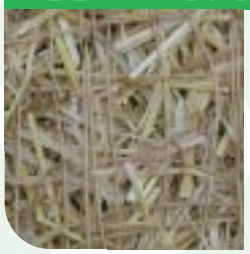
Permissible Shear Stress: 1.55psf (lbs/sq.ft.)

ECS-1D Accelerated Straw Single Net Blanket

Designed and constructed to degrade within 45 to 60 days, the ECS-1D is ideal when it's necessary to establish vegetation quickly in areas that call for close mowing, such as golf courses and residential or commercial lawns. The blanket is made from 100% agricultural straw, stitched with degradable thread to a single layer of accelerated photodegradable polypropylene netting.

Net:	Lightweight accelerated photodegradable polypropylene
Straw Fiber:	100% agricultural straw (0.55 lbs/yd²)
Thread:	Degradable

ECS-1B Straw Biodegradable Single Net Blanket



Intended for quick vegetation growth and to provide turf reinforcement for up to 12 months, the ECS-1B is a 100% biodegradable erosion control blanket designed for low maintenance areas such as subtle grades, swales, roadside slopes, and bioengineering. It provides protection in light to moderate rainfall and runoff. The blanket is made from 100% agricultural straw, stitched with biodegradable thread to a single layer of organic jute netting.

Top Net:	Organic jute netting
Straw Fiber:	100% agricultural straw (0.55 lbs/yd²)
Thread:	Biodegradable

ECS-2 Straw Double Net Blanket

Also ideal for erosion protection and the establishment of vegetation for up to 12 months, the ECS-2 is an erosion control blanket designed for moderate flow drainage channels and on slopes ranging from 3:1 to 2:1. The blanket is made from 100% agricultural straw that is stitched with degradable thread between two layers of degradable polypropylene netting. The double netting ensures more efficient erosion protection and plant growth than the single layer of netting.

Top Net:	Lightweight photodegradable polypropylene
Straw Fiber:	100% agricultural straw (0.55 lbs/yd²)
Bottom Net:	Lightweight photodegradable polypropylene
Thread:	Degradable

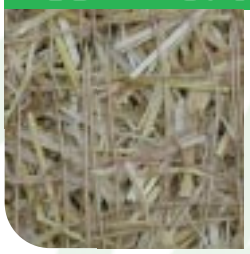
Permissible Shear Stress: 2.1psf (lbs/sq.ft.)

ECS-2D Accelerated Straw Double Net Blanket

Designed and constructed to degrade within 45 to 60 days, the ECS-2D is perfect for moderately sloping areas such as 3:1 and 2:1 and moderate flow drainage channels in which vegetation must be established quickly. The blanket is made from 100% agricultural straw that is stitched with degradable thread between two layers of UV-accelerated photodegradable polypropylene netting.

Top Net:	Lightweight accelerated photodegradable polypropylene
Straw Fiber:	100% agricultural straw (0.55 lbs/yd²)
Bottom Net:	Lightweight accelerated photodegradable polypropylene
Thread:	Degradable

ECS-2B Straw Biodegradable Double Net Blanket



Intended for quick vegetation growth and to degrade for up to 12 months, the ECS-2B is a 100% biodegradable erosion control blanket designed for moderate flow rainfall and runoff and on slopes ranging from 3:1 to 2:1. The blanket is made from 100% agricultural straw that is stitched with biodegradable thread between two layers of organic jute netting. The double netting ensures more efficient erosion protection and plant growth than the single layer of netting.

Top Net:	Organic jute netting
Straw Fiber:	100% agricultural straw (0.55 lbs/yd²)
Bottom Net:	Organic jute netting
Thread:	Biodegradable

	ECS-1	ECS-1D	ECS-1B	ECS-2	ECS-2D	ECS-2B	ECSC-2	ECSC-2B	ECC-2	ECC-2B
Resiliency	65.0%	66.0%	70.0%	69.0%	67.0%	71.0%	74.0%	71.0%	86.0%	68.0%
Mass per Unit Area	9.86 oz/yd²	7.86 oz/yd²	9.66 oz/yd²	11.95 oz/yd²	9.18 oz/yd²	12.23 oz/yd²	9.47 oz/yd²	13.33 oz/yd²	9.52 oz/yd²	13.82 oz/yd²
Water Absorption	347.0%	355.0%	453.0%	338.0%	367.0%	403.0%	326.0%	385.0%	233.0%	225.0%
Swell	41.0%	42.0%	43.0%	32.0%	51.0%	47.0%	56.0%	47.0%	25.0%	36.0%

Extended Term Solutions to Soil Erosion Problems

ECSC-2 Straw/Coconut Double Net Blanket

Ideal for erosion protection and the establishment of vegetation for up to 24 months, the ECSC-2 is an erosion control blanket designed for use in moderate-heavy flow drainage channels and on slopes of up to a 1:1 grade. The blanket is made from a mix of 70% agricultural straw and 30% coconut fiber, stitched with degradable thread between a layer of UV-stabilized top netting and a bottom layer of standard polypropylene netting. This blanket provides extra protection for extended vegetation growth.

Top Net:	Heavyweight UV-stabilized polypropylene
Straw/Coconut Matrix	70% agricultural straw (0.38 lbs/yd²) 30% coconut (0.17 lbs/yd²)
Bottom Net:	Lightweight photodegradable polypropylene
Thread:	Degradable
Permissible Shear Stress:	2.6psf (lbs/sq.ft.)

ECSC-2S Straw/Coconut Double Net Seeded Blanket

Ideal for erosion protection and the establishment of vegetation for up to 24 months, the ECSC-2S is an erosion control blanket designed for use in moderate-heavy flow drainage channels and on slopes of up to a 1:1 grade. The blanket is made from a mix of 70% agricultural straw and 30% coconut fiber with a layer of duraturf seed and protective paper, stitched with degradable thread between a layer of UV-stabilized top netting and a bottom layer of standard polypropylene netting. This blanket provides extra protection for extended vegetation growth.

Top Net:	Heavyweight UV-stabilized polypropylene
Straw Coconut Matrix	70% agricultural straw (0.38 lbs/yd²) 30% coconut (0.17 lbs/yd²)
Bottom Net:	Lightweight Photodegradable polypropylene
Thread:	Degradable
Seed:	Layer of Duraturf seed with protective paper

ECSC-2B Straw/Coconut Biodegradable Blanket

Ideal for erosion protection and the establishment of vegetation providing for up to 18-months of turf reinforcement, the ECSC-2B is a 100% biodegradable erosion control blanket designed for use in moderate to heavy flow rainfall and runoffs, on slopes of up to 1:1 grade and bioengineering. The blanket is made with a mix of 70% agricultural straw and 30% coconut fiber, stitched with biodegradable thread between 2 layers of organic jute netting. This blanket provides extra protection for extended vegetation growth.

Top Net:	Organic jute netting
Straw Coconut Matrix	70% agricultural straw (0.38 lbs/yd²) 30% coconut (0.17 lbs/yd²)
Bottom Net:	Organic jute netting
Thread:	Biodegradable

Long Term Solutions to Soil Erosion Problems

ECC-2 Coconut Double Net Blanket

Ideally suited for erosion protection and the establishment of vegetation for up to 36 months, the ECC-2 is an erosion control blanket designed for use on steep embankments, landfill side slopes and high-flow drainage channels with slopes up to a 1:1 grade. Made from 100% coconut fiber, the blanket is stitched with degradable thread between two layers of UV-stabilized polypropylene netting. The blanket is slow to degrade, providing the most extended temporary erosion control available.

Top Net:	Heavyweight UV-stabilized polypropylene
Fiber Matrix:	100% coconut (0.55 lbs/yd²)
Bottom Net:	Heavyweight UV-stabilized polypropylene
Thread:	UV-stabilized polypropylene
Permissible Shear Stress:	3.2psf (lbs/sq.ft.)

ECC-2B Coconut Biodegradable Double Net Blanket

Ideally suited for erosion protection and the establishment of vegetation along with turf reinforcement for up to 24-months, the ECC-2B is a 100% biodegradable erosion control blanket designed for use on steep embankments, landfill side slopes, high-flow drainage channels with slopes exceeding a 1:1 grade and bioengineering. Made from 100% coconut fiber, the blanket is stitched with biodegradable thread between two layers of organic jute netting. The blanket is slow to degrade, providing the most extended temporary erosion control available.

Top Net:	Organic jute netting
Straw Fiber:	100% coconut (0.55 lbs/yd²)
Bottom Net:	Organic jute netting
Thread:	Biodegradable

Permanent Solutions to Soil Erosion Problems

ECC-3 Permanent Turf Reinforcement Mat

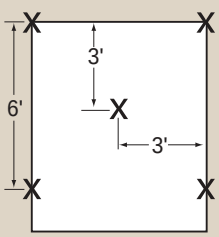
Designed to provide erosion protection necessary for the establishment of vegetation and permanent turf reinforcement for up to 36 months. It is highly suited for use in drainage channels, lakes, ponds and other high-flow areas. A permanent, three-layer netting structure firmly helps secure establishing roots, as well as promote the growth of the vegetation. The netting configuration includes a layer of 100% coconut matrix material. The mat can be placed over grass seed or soil-filled and seeded, allowing a root system to grow directly into the matting.

Top Net:	Mediumweight polypropylene
Fiber Matrix:	100% coconut (0.55 lbs/yd²)
Medium Net:	Heavyweight polypropylene
Bottom Net:	Medium heavyweight
Thread:	UV-stabilized polypropylene
Permissible Shear Stress:	3.2psf (lbs/sq.ft.)

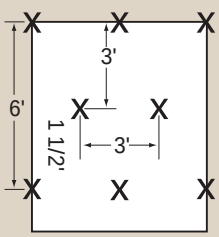
Basic Installation Guidelines

These guidelines are recommendations only. Any questions with the installation should be confirmed with your local distributor.

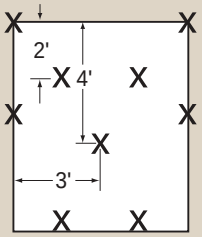
1. Prepare the soil surface including raking, seeding, and fertilizing.
2. Begin the installation process by digging a trench 6" deep by 6" wide at the top of the slope. Place 12" of blanket over the up-slope portion of the trench. Secure the blanket at the bottom of the trench with staples placed 12" apart. Backfill and compact the trench. Apply seed, and fold the remaining 12" over soil, secure with a row of staples placed 12" apart across the width of the blanket (Diagram A).
3. Roll the blanket vertically down the slope. Secure using the appropriate staple pattern below, specified by slopes.



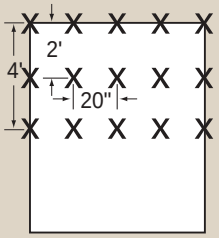
.7 staples/yd²
4:1 SLOPES



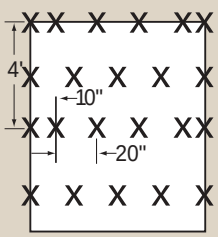
1.2 staples/yd²
3:1 SLOPES



1.75 staples/yd²
2:1 SLOPES

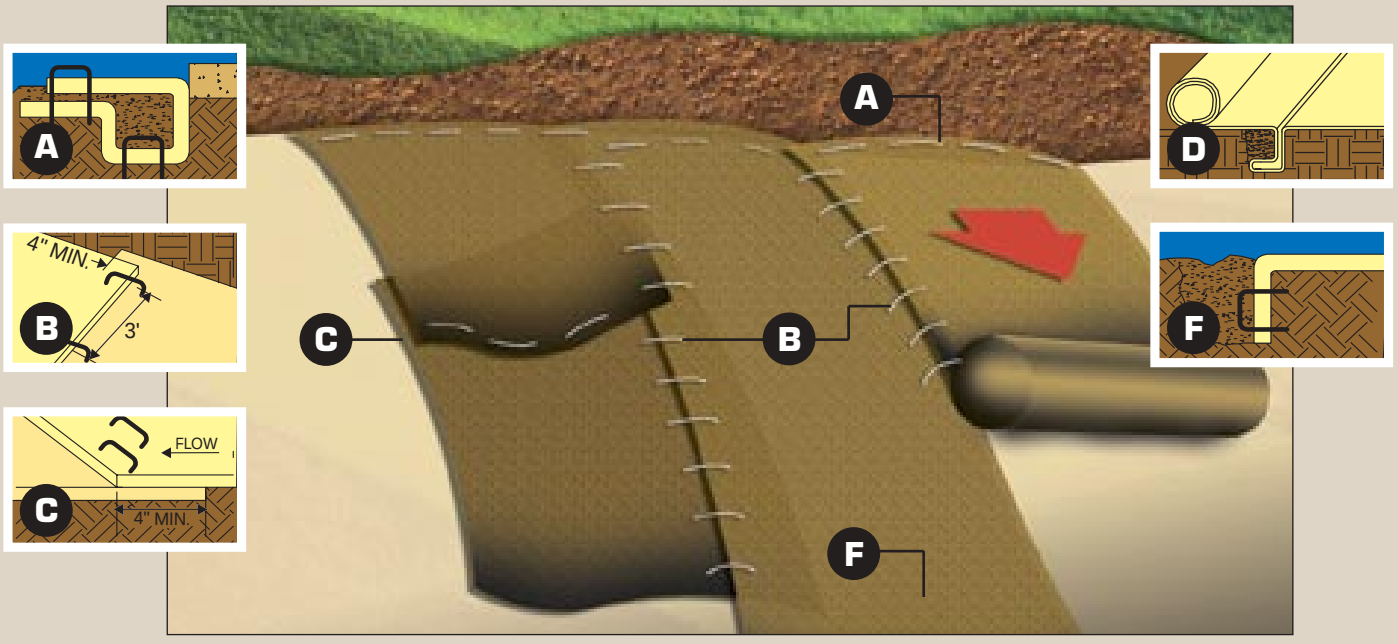


3.5 staples/yd²
MED. to HIGH
FLOW CHANNEL



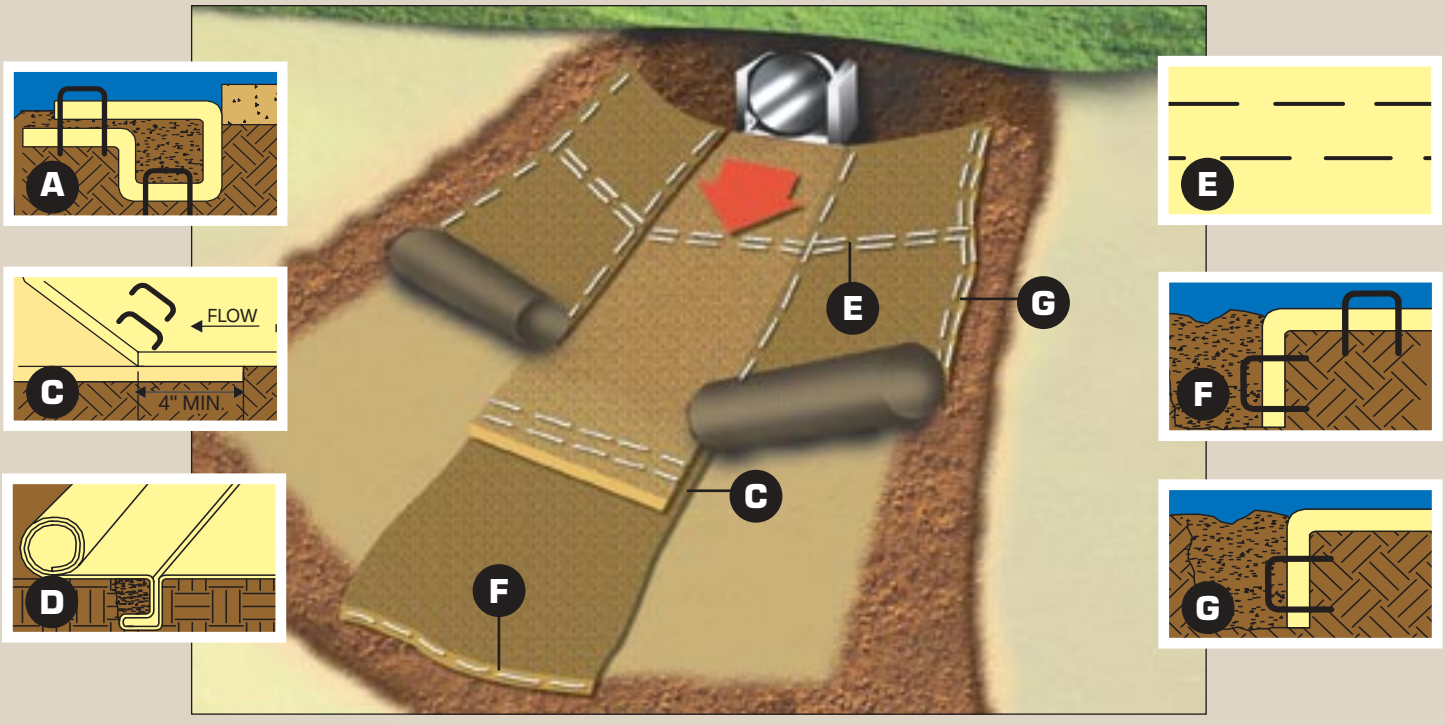
3.8 staples/yd²
HIGH FLOW CHANNEL

4. Parallel blankets must be overlapped by a minimum of 4", and secured with a row of staples placed approximately 3'-0' apart (Diagram B).
5. Additional vertical blankets can be joined using a minimum 4" overlapping or shingle style in the direction of water flow. Connect the blankets by placing staples approximately 12" apart across the width of the blankets (Diagram C).
6. An intermittent check slot is recommended for blankets placed on a long slope. A 6" deep by 6" wide trench is made. Blanket is placed at bottom of trench and covered with approximately 2" of soil. Blanket is rolled over compacted soil and secured with staples placed 12" apart. Backfill and compact the trench. Apply seed, and continue with general installation (Diagram D).
7. The end of blanket must be secured in a 6" x 6" trench with a row of staples placed at 12" intervals (Diagram F).



Channel Lining Installation Guidelines

1. Prepare the soil surface including raking, seeding, and fertilizing.
2. Begin the installation process by digging a trench 6" deep by 6" wide at the top of the slope. Place 12" of blanket over the up-slope portion of the trench. Secure the blanket at the bottom of the trench with staples placed 12" apart. Backfill and compact the trench. Apply seed, and fold the remaining 12" over soil, secure with a row of staples placed 12" apart across the width of the blanket (Diagram A).
3. Continue placing blankets up the slopes on both sides, with a minimum 4" overlapping, and securing each blanket in the beginning trench. Staples should be placed in a staggered pattern at approximately 12" intervals, refer to sample patterns under Basic Installation Guidelines.
4. Additional horizontal blankets can be joined using a minimum 4" overlapping or shingle style in the direction of water flow. Connect the blankets by placing staples approximately 5" apart across the width of the blankets (Diagram E).
5. For maximum performance a check slot should be placed at 25'-40' intervals. Place a row of staples 4" apart along the entire width of the channel. A second row should be placed 4" below in a staggered pattern (Diagram D).
6. The end of the blanket must be secured in a 6" x 6" trench by a row of staples placed at 12" intervals (Diagram F).
7. At the top edge of the side slope, fasten the blanket in a 6" x 6" trench with staples placed at 12" intervals. Install an additional row of staples 1'-0' down slope of the trench along the width of the fabric (Diagram G).



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