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.
4. Parallel blankets must be overlapped by a minimum of 4”, and secured with a row of staples placed approximately 3’ apart (Diagram B).
5. 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).
6. 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).
7. The end of the blanket must be secured in a 6” x 6” trench by a row of staples placed 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 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 D).

Features and Installation Instructions
## Short Term Solutions to Soil Erosion Problems

<table>
<thead>
<tr>
<th>Blanket Type</th>
<th>Weight (lbs/yd²)</th>
<th>Permissible Shear Stress (lbs/sq.ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straw/Coconut Biodegradable Blanket</td>
<td>9.66 oz/yd²</td>
<td>0.625 lbs/yd²</td>
</tr>
<tr>
<td>Straw Biodegradable Double Net Blanket</td>
<td>9.52 oz/yd²</td>
<td>0.55 lbs/yd²</td>
</tr>
<tr>
<td>Organic jute netting</td>
<td>65.0%</td>
<td>0.625 lbs/yd²</td>
</tr>
<tr>
<td>Permeable Stone Fleece</td>
<td>35.0%</td>
<td>0.625 lbs/yd²</td>
</tr>
<tr>
<td>Permeable Stone Fleece</td>
<td>41.0%</td>
<td>0.625 lbs/yd²</td>
</tr>
</tbody>
</table>

### Extended Term Solutions to Soil Erosion Problems

<table>
<thead>
<tr>
<th>Blanket Type</th>
<th>Weight (lbs/yd²)</th>
<th>Permissible Shear Stress (lbs/sq.ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straw/Coconut Biodegradable Blanket</td>
<td>70%</td>
<td>0.625 lbs/yd²</td>
</tr>
<tr>
<td>Straw Biodegradable Blanket</td>
<td>70%</td>
<td>0.38 lbs/yd²</td>
</tr>
<tr>
<td>Organic jute netting</td>
<td>65.0%</td>
<td>0.625 lbs/yd²</td>
</tr>
<tr>
<td>Permeable Stone Fleece</td>
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</tr>
<tr>
<td>Permeable Stone Fleece</td>
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</table>

## Long Term Solutions to Soil Erosion Problems

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<tr>
<td>Organic jute netting</td>
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<tr>
<td>Permeable Stone Fleece</td>
<td>35.0%</td>
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</tr>
<tr>
<td>Permeable Stone Fleece</td>
<td>41.0%</td>
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</tr>
</tbody>
</table>

## Permanent Solutions to Soil Erosion Problems

<table>
<thead>
<tr>
<th>Blanket Type</th>
<th>Weight (lbs/yd²)</th>
<th>Permissible Shear Stress (lbs/sq.ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straw/Coconut Biodegradable Blanket</td>
<td>70%</td>
<td>0.625 lbs/yd²</td>
</tr>
<tr>
<td>Straw Biodegradable Blanket</td>
<td>70%</td>
<td>0.38 lbs/yd²</td>
</tr>
<tr>
<td>Organic jute netting</td>
<td>65.0%</td>
<td>0.625 lbs/yd²</td>
</tr>
<tr>
<td>Permeable Stone Fleece</td>
<td>35.0%</td>
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</tr>
<tr>
<td>Permeable Stone Fleece</td>
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</tbody>
</table>
## Short Term Solutions to Soil Erosion Problems

### ECS-1 Single Net Blanket
- Used for erosion protection and the establishment of vegetation for up to 12 months, the ECS-1 is an erosion control blanket designed for moderate flow drainage channels and on slopes ranging from 1:3 to 1:2. The blanket is made from 10% agricultural straw and 90% single layer of photodegradable polypropylene netting. This blanket provides extra protection for extended vegetation growth.

### ECS-1B Single Net Blanket
- Also ideal for erosion protection and the establishment of vegetation for up to 12 months, the ECS-1B is an erosion control blanket designed for moderate flow drainage channels and on slopes ranging from 1:3 to 1:2. The blanket is made from 100% biodegradable straw netting. The blanket is slow to degrade, providing the most extended temporary erosion control available.

### ECS-2 Double Net Blanket
- Designed with two layers of photodegradable netting, this blanket is highly suited for use in drainage channels, lakes, ponds and other high flow areas. A permanent, two-layer netting structure firmly helps secure establishing roots, as well as promote the growths of the vegetation.

### ECS-2B Double Net Blanket
- Consists of two layers of photodegradable netting. This blanket is highly suited for use in drainage channels, lakes, ponds and other high flow areas. A permanent, two-layer netting structure firmly helps secure establishing roots, as well as promote the growths of the vegetation.

### ECS-3 Double Net Blanket
- Made for use on steep embankments, landfill side slopes and high-flow drainage channels. Made from 100% biodegradable straw, the blanket is slow to degrade, providing for up to 18-months of turf reinforcement. The blanket is slow to degrade, providing the most extended temporary erosion control available.

## Extended Term Solutions to Soil Erosion Problems

### ECSC-1 Straw/Coconut Biodegradable Blanket
- Designed for use on steep embankments, landfill side slopes and high-flow drainage channels. Made from 100% biodegradable straw, coconut, and biodegradable thread between two layers of degradable polypropylene netting.

### ECSC-2B Straw/Coconut Biodegradable Blanket
- Designed for use on steep embankments, landfill side slopes and high-flow drainage channels. Made from 100% biodegradable straw, coconut, and biodegradable thread between two layers of degradable polypropylene netting.

### ECC-2 Straw/Coconut Blanket
- Made for use on steep embankments, landfill side slopes and high-flow drainage channels. Made from 100% biodegradable straw and coconut fiber, the blanket is stitched with biodegradable thread between a single layer of UV-stabilized polypropylene netting. It is highly suited for use in drainage channels, lakes, ponds and other high flow areas. A permanent, two-layer netting structure firmly helps secure establishing roots, as well as promote the growths of the vegetation.

### ECC-3 Straw/Coconut Blanket
- Made for use on steep embankments, landfill side slopes and high-flow drainage channels. Made from 100% biodegradable straw and coconut fiber, the blanket is stitched with biodegradable thread between a single layer of UV-stabilized polypropylene netting. It is highly suited for use in drainage channels, lakes, ponds and other high flow areas. A permanent, two-layer netting structure firmly helps secure establishing roots, as well as promote the growths of the vegetation.

## Advantages of Using East Coast Erosion Blankets
- Manufactured in sizes presently major East Coast markets, resulting in faster delivery times.
- Superior product quality influences erosion control while fostering vegetation and improved germination times.
- State-of-the-art manufacturing processes deliver better product performances.
- Multiple erosion control matrices to cover a wide range of applications.
- Easy product application and installation procedures.
- Rolled edges to achieve a full 70% width of product usage.
- 3"H and 75" width and custom lengths available to meet your job specifications.
- Among the greatest blanket, length and uniformities within the industry.
- A high level of permeable shear stress enhances the strength and integrity of the blanket.
- Ease of installation can save up to 25% in time and labor on most jobs.
- Galvanized shoves for efficient handling and transportation.
- Blankets are tightly woven, with seams 1.5" apart and stitches 2" apart.

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**Short Term Solutions to Soil Erosion Problems**

- **Net:** Lightweight photodegradable polypropylene
- **Thread:** Degradable

- **Top Net:** Organic jute netting
- **Bottom Net:** Straw/Coconut, UV-stabilized polypropylene

- **Permissible Shear Stress:** 3.5 psf (lbs/sq.ft.)

**Medium Net**: Mediumweight polypropylene

**Top Net**: Organic jute netting

**Bottom Net**: Organic jute netting

**Permissible Shear Stress**: 3.5 psf (lbs/sq.ft.)

**Coconut Double Net Blanket**

- **Net:** Heavyweight photodegradable polypropylene
- **Thread:** Degradable

- **Top Net:** Organic jute netting
- **Bottom Net:** Straw/Coconut, UV-stabilized polypropylene

- **Permissible Shear Stress:** 3.5 psf (lbs/sq.ft.)

**Straw Single Net Blanket**

- **Net:** Lightweight photodegradable polypropylene
- **Thread:** Degradable

- **Top Net:** Organic jute netting
- **Bottom Net:** Straw, UV-stabilized polypropylene

- **Permissible Shear Stress:** 3.5 psf (lbs/sq.ft.)

**Straw Double Net Blanket**

- **Net:** Lightweight photodegradable polypropylene
- **Thread:** Degradable

- **Top Net:** Organic jute netting
- **Bottom Net:** Straw, UV-stabilized polypropylene

- **Permissible Shear Stress:** 3.5 psf (lbs/sq.ft.)

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**Extended Term Solutions to Soil Erosion Problems (continued)**

- **Net:** Heavyweight photodegradable polypropylene
- **Thread:** Degradable

- **Top Net:** Organic jute netting
- **Bottom Net:** Straw/Coconut, UV-stabilized polypropylene

- **Permissible Shear Stress:** 3.5 psf (lbs/sq.ft.)

**EGC-1 Straw Single Net Blanket**

- **Net:** Lightweight photodegradable polypropylene
- **Thread:** Degradable

- **Top Net:** Organic jute netting
- **Bottom Net:** Straw, UV-stabilized polypropylene

- **Permissible Shear Stress:** 3.5 psf (lbs/sq.ft.)

**EGC-2 Straw Double Net Blanket**

- **Net:** Lightweight photodegradable polypropylene
- **Thread:** Degradable

- **Top Net:** Organic jute netting
- **Bottom Net:** Straw, UV-stabilized polypropylene

- **Permissible Shear Stress:** 3.5 psf (lbs/sq.ft.)

**EGC-3 Straw/Coconut Blanket**

- **Net:** Mediumweight polypropylene
- **Thread:** Degradable

- **Top Net:** Organic jute netting
- **Bottom Net:** Straw/Coconut, UV-stabilized polypropylene

- **Permissible Shear Stress:** 3.5 psf (lbs/sq.ft.)

**EGC-4 Straw/Coconut Double Net Blanket**

- **Net:** Mediumweight polypropylene
- **Thread:** Degradable

- **Top Net:** Organic jute netting
- **Bottom Net:** Straw/Coconut, UV-stabilized polypropylene

- **Permissible Shear Stress:** 3.5 psf (lbs/sq.ft.)

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**Permanant Turf Reinforcement Mats**

- **Material:** Medium weight degradable jute
- **Top Net:** Organic jute netting
- **Bottom Net:** Straw/Coconut, UV-stabilized polypropylene

- **Permissible Shear Stress:** 3.5 psf (lbs/sq.ft.)
Soil erosion can be a serious problem, resulting in catastrophic damage to water sources, land, 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 stabilization. East Coast erosion control blankets last for a variety of variables, 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 soil, and provide optimum conditions for building plant growth.

East Coast erosion control blankets are three dimensioned in structure, allowing for optimal rainfall absorption, creating ideal conditions for maximum soil stabilization. This quick establishment of vegetation helps prevent the erosion of topsoil by the forces of water and wind.

Topsoil erosion control helps reduce erosion damage, and extends restorations to slopes and vegetation.

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**Advantages of Using East Coast Erosion Blankets:**

- Manufactured in sizes precisely to meet East Coast markets, resulting in faster delivery times.
- Superior product quality influences erosion control while fostering vegetation and improved germination times.
- State-of-the-art manufacturing process delivers better product performance.
- Multiple erosion control matrixes to cover a wide range of applications.
- Easy application and installation procedures.
- Roll edges to achieve a full 78" width of product usage.
- 3'9" and 7'6" widths and custom lengths available to meet your job specifications.
- Among the greatest blanketing, length and uniformities available in the industry.
- A high level of permeable sheet stress enhances the strength and integrity of the blanket.
- Ease of installation can save up to 25% in time and labor on most projects.
- Pullables allow for efficient handling and transportation.
- Blankets are tightly woven, with seams 1-3/4 apart and stitches 2" apart.

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**Short Term Solutions to Soil Erosion Problems**

**ECB-1 Straw Single Net Blanket**

- Ideal for erosion protection and the establishment of vegetation for use up to 12 months. The ECB-1 is an erosion control blanket designed for moderate flow drainage channels and slopes ranging from 3:1 to 2:1. The blanket is made from 100% agricultural straw netting that is stitched with degradable thread between two layers of non-degradable polypropylene netting.
- The blanket is easy to install, and provides the best short-term erosion control.

**ECB-2 Straw Double Net Blanket**

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

**ECB-3 Straw/Mediumweight Single Net Blanket**

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

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**Extended Term Solutions to Soil Erosion Problems**

**ECB-4 Straw/Coarse Double Net Blanket**

- Ideal for erosion protection and the establishment of vegetation for use up to 24 months. The ECB-4 is an erosion control blanket designed for use on steep embankments, modest side slopes and low flow drainage channels with slopes ranging from 1:1 to 1:2. The blanket is stitched with degradable thread between two layers of non-degradable polypropylene netting.
- The double netting ensures more efficient erosion protection and plant growth than the single layer of netting.

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**Permanant Solutions to Soil Erosion Problems**

**ECB-5 Turf Reinforcement Mat**

- Designed to provide erosion protection necessary for the establishment of vegetation and permanent turf reinforcement for up to 36 months. The ECB-5 is a 100% biodegradable erosion control blanket designed for use on steep embankments, embankments, high flow drainage channels and 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 easy to degrade, providing the most sustainable permanent erosion control available.

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**Long Term Solutions to Soil Erosion Problems**

**ECB-6 Straw/Coarse Double Net Blanket**

- Ideal for erosion control and the establishment of vegetation for use up to 36 months. The ECB-4 is a 100% biodegradable erosion control blanket designed for use on steep embankments, modest side slopes and low flow drainage channels with slopes ranging from 1:1 to 1:2. The blanket is stitched with degradable thread between two layers of non-degradable polypropylene netting.
- The double netting ensures more efficient erosion protection and plant growth than the single layer of netting.

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**Permament Turf Reinforcement Mat**

- Designed to provide erosion protection necessary for the establishment of vegetation and permanent turf reinforcement for up to 36 months. The ECB-5 is a 100% biodegradable erosion control blanket designed for use on steep embankments, embankments, high flow drainage channels and 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 easy to degrade, providing the most sustainable permanent erosion control available.

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**Permanant Turf Reinforcement Mat**

- Designed to provide erosion protection necessary for the establishment of vegetation and permanent turf reinforcement for up to 36 months. The ECB-5 is a 100% biodegradable erosion control blanket designed for use on steep embankments, embankments, high flow drainage channels and 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 easy to degrade, providing the most sustainable permanent erosion control available.
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.
4. Parallel blankets must be overlapped by a minimum of 4", and secured with a row of staples placed approximately 3' 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 5" apart across the width of the blankets (Diagram E).
6. 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).
7. The end of the blanket must be secured in a 6" x 6" trench by a row of staples placed 12" intervals (Diagram F).

Features and Installation Instructions
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.
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3. Roll the blanket vertically down the slope. Secure using the appropriate staple pattern below, specified by slopes.
4. Parallel blankets must be overlapped by a minimum of 4" and secured with staples placed approximately 3' apart (Diagram B).
5. 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).
6. 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).
7. The end of the blanket must be secured in a 6" x 6" trench by a row of staples placed 12" intervals (Diagram F).

Features and Installation Instructions

- 7 staples/yd
- 12 staples/yd
- 1.75 staples/yd
- 3.5 staples/yd
- 3.6 staples/yd

- MED. to HIGH FLOW CHANNEL
- HIGH FLOW CHANNEL
- 4" MIN. FLOW
- 3'