

Canada's leader of complete geosynthetic solutions

**terrafix**<sup>®</sup>  
geosynthetics inc.

Rolled  
**Erosion Control**  
Products

To view our complete product line visit us at [www.terrafixgeo.com](http://www.terrafixgeo.com)

TerraFix Rolled Erosion Control Products (RECPs) prevent and control water or wind erosion in land development and construction projects. RECPs are temporary or permanent protective blankets laid on top of soil that is vulnerable to erosion. Blankets are placed on prepared, seeded soil to prevent washing away of the seed and erosion of the prepared seedbed. After the vegetation grows the blankets degrade overtime until only the vegetation is left in place. Once established, the vegetation provides permanent erosion control. RECPs are ideal to use on steep slopes where severe erosion control problems are anticipated.

## 100% Straw Fibre - Single Net S100

<b>Composition:</b>	Single net 100% agricultural straw blanket
<b>Shear Strength:</b>	74 Pa (1.55 lbs/ft <sup>2</sup> )
<b>Velocity:</b>	1.37 m/sec (4.5 ft/sec)
<b>Slope:</b>	≤ 3:1 (h:v)
<b>Functional Longevity:</b>	< 12 months
<b>Also available with:</b>	biodegradable netting UV degrader netting



**Available Roll Sizes:** 2.44m x 34.29m, other sizes available upon request.

## 100% Straw Fibre - Double Net S200

<b>Composition:</b>	Double net 100% agricultural straw blanket
<b>Shear Strength:</b>	84 Pa (1.75 lbs/ft <sup>2</sup> )
<b>Velocity:</b>	2.13 m/sec (7.0 ft/sec)
<b>Slope:</b>	≤ 2:1 (h:v)
<b>Functional Longevity:</b>	< 12 months
<b>Also available with:</b>	biodegradable netting UV degrader netting



**Available Roll Sizes:** 2.44m x 34.29m, other sizes available upon request.

## 70% Straw + 30% Coconut Fibre - Double Net SC200

<b>Composition:</b>	Double net 70% straw and 30% coconut fibre blanket
<b>Shear Strength:</b>	96 Pa (2.0 lbs/ft <sup>2</sup> )
<b>Velocity:</b>	2.59 m/sec (8.5 ft/sec)
<b>Slope:</b>	≤ 1.5:1 (h:v)
<b>Functional Longevity:</b>	< 24 months
<b>Also available with:</b>	biodegradable netting



**Available Roll Sizes:** 2.44m x 34.29m, other sizes available upon request.

## 100% Coconut Fibre - Double Net C200

<b>Composition:</b>	100% coconut fibres sewn between two nets
<b>Shear Strength:</b>	108 Pa (2.25 lbs/ft <sup>2</sup> )
<b>Velocity:</b>	2.74 m/sec (9.0 ft/sec)
<b>Slope:</b>	≤ 1:1 (h:v)
<b>Functional Longevity:</b>	< 36 months
<b>Also available with:</b>	biodegradable netting



**Available Roll Sizes:** 2.44m x 34.29m, other sizes available upon request.

## 100% Synthetic Fibre - Double Net FM200

<b>Composition:</b>	100% polypropylene fibres sewn between two nets
<b>Shear Strength:</b>	158.4 Pa (3.30 lbs/ft <sup>2</sup> )
<b>Velocity:</b>	3.8 m/sec (12 ft/sec)
<b>Slope:</b>	≤ 0.5:1 (h:v)
<b>Functional Longevity:</b>	Permanent turf reinforcement mat
<b>Also available with:</b>	biodegradable netting



**Available Roll Sizes:** 2.44m x 25.7m, other sizes available upon request.

## 100% Wood Fibre - Single Net W100

**Composition:** 100% wood excelsior with 80% fibre  $\geq 6''$  in length;  
polypropylene netting at the top  
Also available with: green fibres  
biodegradable netting  
green fibres with biodegradable netting  
UV degrader netting  
green fibres with UV degrader netting

**Shear Strength:** 84 Pa (1.75 lbs/ft<sup>2</sup>)

**Velocity:** 2.1 m/sec (7 ft/sec)

**Slope:**  $\leq 2:1$  (h:v)

**Functional Longevity:** < 18 months



**Available Roll Sizes:** 2.44m x 30.86m, other sizes available upon request.

## 100% Wood Fibre - Double Net W200

**Composition:** 100% wood excelsior with 80% fibre  $\geq 6''$  in length;  
polypropylene netting at the top and bottom  
Also available with: green fibres  
biodegradable netting  
green fibres with biodegradable netting  
UV degrader netting  
green fibres with UV degrader netting

**Shear Strength:** 108 Pa (2.25 lbs/ft<sup>2</sup>)

**Velocity:** 2.7 m/sec (9 ft/sec)

**Slope:**  $\leq 1.5:1$  (h:v)

**Functional Longevity:** < 24 months



**Available Roll Sizes:** 2.44m x 30.86m, other sizes available upon request.

## 100% Wood Fibre - Double Net W300

**Composition:** 100% wood excelsior with 80% fibre  $\geq 6''$  in length;  
polypropylene netting at the top and bottom  
Also available with: green fibres  
biodegradable netting  
green fibres with biodegradable netting

**Shear Strength:** 144 Pa (3.0 lbs/ft<sup>2</sup>)

**Velocity:** 3.2 m/sec (10.5 ft/sec)

**Slope:**  $\leq 1:1$  (h:v)

**Functional Longevity:** < 36 months



**Available Roll Sizes:** 2.44m x 27.43m, other sizes available upon request.

## 100% Wood Fibre - Double Net WHV

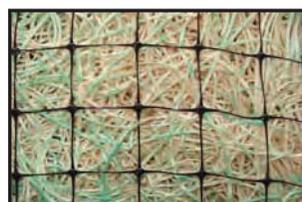
**Composition:** 100% wood excelsior with 80% fibre  $\geq 6''$  in length;  
polypropylene netting at the top and bottom  
Also available with: green fibres  
biodegradable netting  
green fibres with biodegradable netting

**Shear Strength:** 156 Pa (3.25 lbs/ft<sup>2</sup>)

**Velocity:** 3.35 m/sec (11 ft/sec)

**Slope:**  $\leq .75:1$  (h:v)

**Functional Longevity:** + 36 months



**Available Roll Sizes:** 2.44m x 15.24m, other sizes available upon request.



## Eco-Friendly RECPs also available

An ecological line of RECPs has been specially designed and engineered using 100% biodegradable material for ecologically sensitive areas like wetlands, stream bank stabilization and forest lands-where nature demands natural and you demand performance.



### Benefits and features of RECPs

- Reduce run off.
- Consistent quality and performance.
- Retain more water than hydro mulch covers.
- Reduce sediment concentration and soil loss.
- Excellent performance in strength and durable under high velocities.
- Vegetation performs better with blankets than with hydro mulches.
- Ease of installation.

### Applications of RECPs

Erosion control blankets are used to prevent surface erosion and accelerate the establishment of vegetation. Typically, blankets are intended for the following applications:

1. Slope protection
2. Channel and ditch linings
3. Reservoir embankments and spillways
4. Culvert inlets and outfalls
5. Dikes, levees and riverbanks



### How they work

Erosion control blankets provide a mechanically stabilized form of immediate cover, functioning as a barrier against both the detachment and transportation phase of erosion process until vegetation or reinforced vegetation assume this function.

The information contained herein has been compiled by Terrafix Geosynthetics Inc. and is, to the best of knowledge, true and accurate. All suggestions and recommendations are offered without guarantee. Final determination of suitability for use based on any information provided is the sole responsibility of the user. There is no implied or expressed warranty of merchantability or fitness of the product for the contemplated use.



DISTRIBUTED BY

**terrafix**<sup>®</sup>  
geosynthetics inc.

455 Horner Avenue  
Toronto, Ontario • M8W 4W9  
Telephone (416) 674-0363  
Fax (416) 674-1159

June 2015