



 **GREENSOLUTIONS**
QUALITY EROSION PRODUCTS



Protecting tomorrow's environment today

GREENSOLUTIONS™ QUALITY EROSION PRODUCTS

Product Information

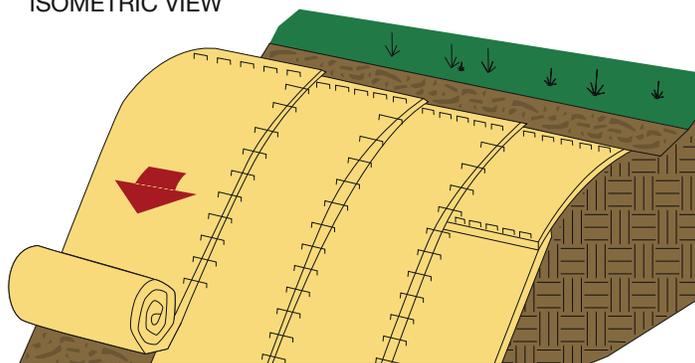
GREENSOLUTIONS™ Erosion Control Blankets are protective soil stabilization blankets. They are made from biodegradable substances such as straw, coconut or both and applied to the top of prepared soil surfaces vulnerable to erosion.

GREENSOLUTIONS™ Erosion Control Blankets are placed onto prepared, seeded, soils to prevent washing away of the seed and erosion of the prepared seed bed. Once vegetation has been established, the GREENSOLUTIONS™ Erosion Control Blanket will bio-degrade over time, providing a matrix of protection for your project. GREENSOLUTIONS™ Erosion Control Blankets are superior to hydroseeding: 1) when the growing season is short and plants cannot stabilize the slope quickly, 2) when at high altitudes, or 3) where major storms are a frequent occurrence.

Installation Guidelines

The slope must not be steeper than two (2) horizontal to one (1) vertical. During the growing season (see chart below) use blankets on the base of waterways, soil slopes having a grade greater than 15%, or anywhere where hay mulch has proven to be ineffective at controlling sheet erosion. For over-winter protection, apply erosion control blankets on the base and side slopes of waterways and on slopes steeper than an 8% grade. Grade the slope to a smooth, even surface. Remove any protruding rocks, stumps, or roots. Anchor the uphill end of each blanket in a trench at the top of the slope. Pin the blanket in the trench as shown in the detail and firmly pack soil in the trench so to cover the blanket edge. Roll the blanket down the slope and pin the blanket in accordance with the manufacturer's recommendations. It is critical that the blanket has firm, continuous contact with the underlying soil. If needed, use additional pins to ensure firm contact. Overlap the sides and ends of blankets at least four inches. Uphill blankets must lap over downhill blankets. Pin the ends along the overlap every 12 inches.

ISOMETRIC VIEW



It is recommended that the mats be installed in the direction of water flow, however, on short slopes, it may be more practical to install them horizontally across the width of the slope, rather than vertically.

Maintenance

Until vegetation is abundant, inspect periodically and after each rainstorm to check for erosion. Immediately repair and add more mulch until vegetation is firmly established. Do not mow the first year.

General Guidelines for Temporary Seeding Rates

For a comprehensive list of seeding recommendations by geographic area, please refer to your local DOT or county agent office.

	Pounds/Acre	Kilograms/Hectare	Planting Dates
Hulled Bermuda	30	34	March-September
Hulled Bermuda	20	22	
Crimson Clover:	25	28	February-March
Kentucky 31 Fescue	25	28	
Unhulled Bermuda:	20	22	September-February
Unhulled Bermuda	25	22	
Crimson Clover:	40	45	March-September
Pensacola Bahia:	25	28	February-March
Bald Clover	40	28	
Unhulled Bermuda:	20	22	September-October
Vetch (Common):	40	45	March-May
Lespedeza:	30	34	September-January

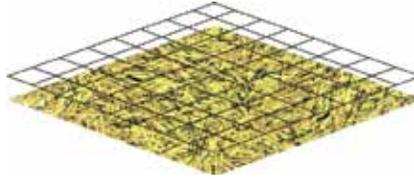
Approximate per pound and seeding rates for the major turfgrass species. (Southern Regions)

Technical Specifications

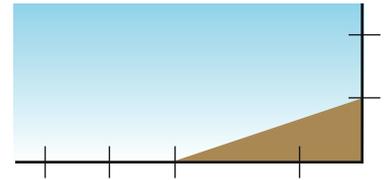
Make sure the blanket is in contact with the soil over the entire area, and secured with staples.

SNS-1 GREENSOLUTIONS™ Straw Single Net

Matrix:	Straw
Content %:	100% Straw
Width (ft/m):	8/2.44
Length (ft/m):	112.5/34.29
Area (yd ² /m ²):	100/83.6
Weight (lb yd ² /kg/m ²):	.50/.2268
Longevity:	12
Top Netting:	Light Weight
Bottom Netting:	N/A
Stitching:	Photodegradable on 1.5" centers

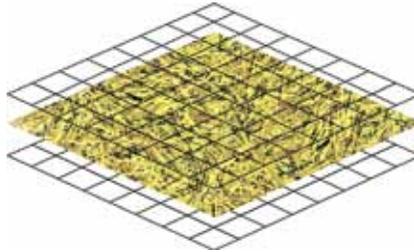


3.0:1.0 Low Flow Channel

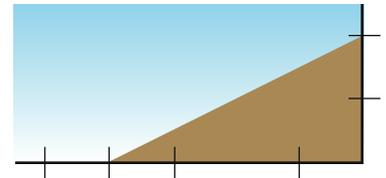


DNS-2 GREENSOLUTIONS™ Straw Double Net

Matrix:	Straw
Content %:	100% Straw
Width (ft/m):	8/2.44
Length (ft/m):	112.5/34.29
Area (yd ² /m ²):	100/83.6
Weight (lb yd ² /kg/m ²):	.50/.2268
Longevity:	12
Top Netting:	Light Weight
Bottom Netting:	Light Weight
Stitching:	Photodegradable on 1.5" centers

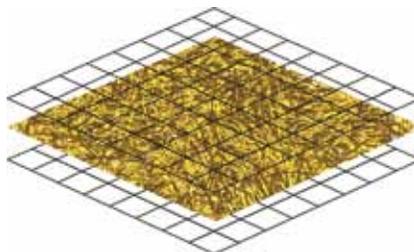


2.0:1.0 Moderate Flow Channel

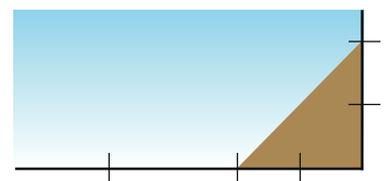


DSC-2 GREENSOLUTIONS™ Straw/Coconut Double Net

Matrix:	Coconut/Straw
Content %:	30% Coconut/70% Straw
Width (ft/m):	8/2.44
Length (ft/m):	112.5/34.29
Area (yd ² /m ²):	100/83.6
Weight (lb yd ² /kg/m ²):	.50/.2268
Longevity:	18-24
Top Netting:	Medium Weight
Bottom Netting:	Light Weight
Stitching:	Photodegradable on 1.5" centers

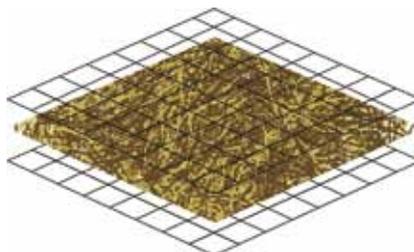


1.0:1.0 Moderate Flow Channel

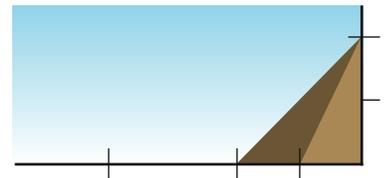


DC-2 GREENSOLUTIONS™ Coconut Double Net

Matrix:	Coconut
Content %:	100% Coconut
Width (ft/m):	8/2.44
Length (ft/m):	112.5/34.29
Area (yd ² /m ²):	100/83.6
Weight (lb yd ² /kg/m ²):	.50/.2268
Longevity:	36
Top Netting:	Medium Weight
Bottom Netting:	Medium Weight
Stitching:	Photodegradable on 1.5" centers



1.0:1.0 Gradient & Greater Heavy Flow Channel



Standard Roll Size
8 ft x 112.5 ft = 100 yd²
2.44 m x 34.29 m = 83.6 yd²

Truckload Quantity
550 Rolls

Quantity
25 Rolls Per Bundle



Staple Rate
1-2 Per yd²
Depending on slope



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Offered by Industrial Fabrics, Inc. | 510 O'Neal Lane | Baton Rouge, LA 70819 | Phone: 800.848.4500 | Fax: 225.273.0440 | www.yourbmpstore.com

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