

A New Standard For Permanent Turf Reinforcement Mats

CFG2000 Properties Certification

The permanent erosion control turf reinforcement mat to have the following minimum physical properties and test values.

TESTING & PROPERTIES

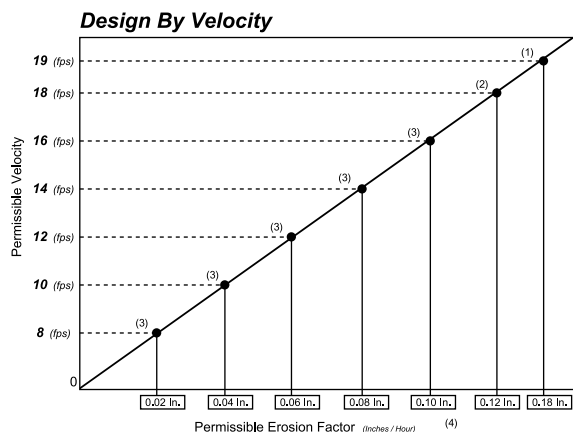
Parameter/Method	CFG2000
Netting Size (inches sq.) Top Bottom	.50 X .60 0.50
Net Weight (lbs./1000 sq. ft.) Top Bottom	31.0 3.0
Slope Recommendation <i>Derived from lab testing and field applications.</i>	1:1or> & Channel
1 ASTM D5199 (mils) Min. Thickness (inches) Min.	320 0.32
1 ASTM 5261 (Avg./lbs./ft. ²) Mass per Unit Area (Avg./grams/m ²)	0.17 833
1 ASTM D5035 (Avg./lbs./in.) MD Tensile Strength @ Peak TD	147.5 172.6
1 ASTM D5035 (Avg. %) MD Elongation @ Peak TD	17.1 18.1
2 Roughness Coefficient Mannings "n"	0.026


1. Precision Geosynthetic Laboratories 2. Texas Transportation Institute
3. TRI Environmental, Inc.

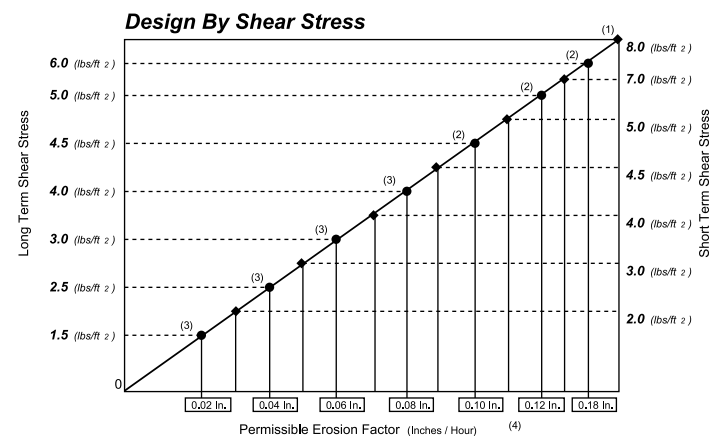
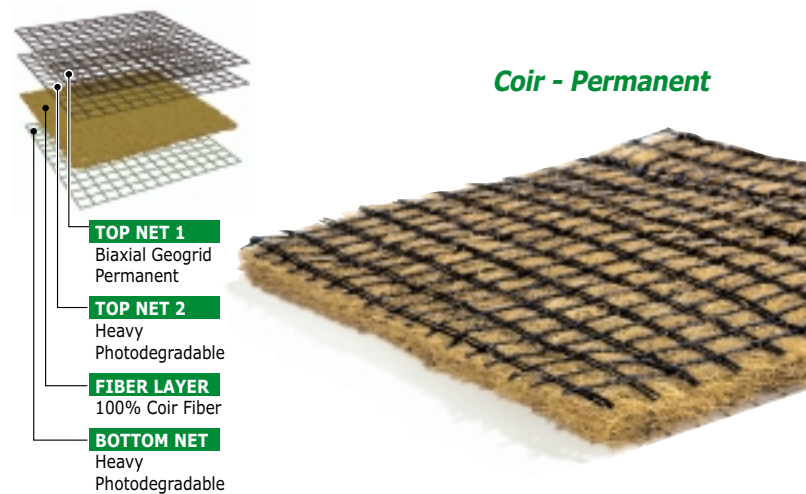
The permanent erosion control turf reinforcement mat to meet the following requirements:

1. To be constructed of 100% coconut fiber stitched bonded between a heavy weight UV stabilized bottom net, and a heavy weight UV stabilized top net. All to be overlaid with a permanent heavy-duty flexible biaxial geogrid. The netting layers are to be stitched together on 1.5 inch centers with UV stabilized polypropylene monofilament thread to form a permanent two dimensional reinforcement structure.
2. The turf reinforcement mat to be Greenfix America CFG2000 or approved performance equivalent.
3. Anchoring: 8 inch minimum length U shaped staples. Staple to intersect machine and cross direction geogrid strands when placed.

Application & Design Charts



Fiber	Coir
Fiber Content	100%
Width (Feet/Meters)	7.5 / 2.3
Length (Feet/Meters)	72.0 / 21.9
Area (Square Yards / Square Meters)	60 / 50
Weight (Lbs. Sq. Yd. - Kg/Sq. Meters)	.95 / .514
Weight per Blanket (Pounds/Kilograms)	57 / 25.9
Functional Longevity (Months)	36+
Top Net Type 1 (Permanent)	Biaxial Geogrid
Type 2 (Photodegradable)	Heavy
Bottom Netting Type (Photodegradable)	Heavy
Product Color Code	



There is no other functional equivalent that meets or exceeds the performance standards of the Greenfix America CFG2000.