

## Levee Turf Reinforcement System™

The Synthetic Turf Reinforcement System™ incorporates synthetic fibers, tufted into the strongest dimensionally stable geo-textile backing system. The system is UV stabilized and meets the requirements of FAA Part 139, AC 150/5370-15A, AC 150/5320-5C and Erosion Control BMP's for sediment control and Storm Water Management.

<u>Standard</u>	<u>Property</u>	<u>Specification</u>
1. ASTM D418/D5848	Pile Weight	38 oz. /Sq. Yd. Nominal
2. ASTM D5848	Primary & Secondary Backing Weight	9.2 oz. /Sq. Yd.
3. ASTM D5848	Secondary Coating Weight	26 oz. /Sq. Yd.
4. ASTM D5848	Total Weight	73.2 oz. /Sq. Yd.
5. ASTM 1907	Yarn Denier	8,000 - 10,000
6. ASTM D418/D5848	Pile Height	Finished 2" Nominal
7. ASTM D5793	Tufting Gauge	1/2" - 3/4"
8. ASTM D5848	Primary Backing	Tri-layer woven Polypropylene
9. ASTM D5848	Secondary Coating	Polyurethane
10. ASTM D1335	Tuft Bind without Infill	8 lbs. +/-
11. ASTM D1682/D5034	Grab Tear (width)	273.1 lbs. Force
12. ASTM D1682/D5034	Grab Tear (length)	236.1 lbs. Force
13. ASTM D4991	Carpet Permeability	>10 inches/hour
14. ASTM D2859	Flammability (Pill Burn)	Pass
15. ASTM E-11	Sand Infill	6-8 lbs. +/- per square foot
16. DIN 18-035	Water Permeability	181.3 inches/hours
17. ASTM C1028-07	Static Coefficient of Friction	.72 (Dry) .56 (Wet)
18. ASTM D4632-91	Breaking load of Geotextiles	>352.9 lbs/force
19. ASTM D4804-91	Flammability Characteristics	Pass
20. ASTM E648	Fire Critical Radiant Flux	.108 W/cm2
21.	Fabric Width	15'
22.	Perforation	3/16" Holes 2"X 2 1/8"
23.	Yarn	100 Micron PP/PE
24.	Jet Blast	Pass

All Characteristics listed above nominal +/- 5%

This document is for illustrative purposes and may change without notice. Purchaser should verify that a representative specification of the system to be installed has been received prior to the establishment of a project or contract.

Levee Turf Reinforcement System™ incorporates life like blades of grass, tufted into the strongest and most dimensionally stable backing system available with a polyurethane pre-coat for the ultimate in tuft-bind.

The system is fully UV stabilized.