Erosion Control BLANKET

Specification Sheet

PS42

The PS42 turf reinforcement matting from ErosionControlBlanket.com is manufactured from a composition of 67% polypropylene fiber and 33% agricultural straw stitched between a black UV stabilized polypropylene top net with a mesh size of 1.34 x 1.27 cm (0.53 x 0.5 in) and a black UV stabilized polypropylene bottom net with a mesh size of 1.59 x 1.59 cm (0.626 x 0.626 in). The "PS" and "4" represent the polypropylene and straw fiber applied at a minimum of 400 g/m^2 (0.75 lbs/yd^2) and the "2" represents that the mat is netted on the top and bottom sides. The PS42 is a permanent turf reinforcement mat. The mat is sewn together on 38.1 mm (1.5 in) centers, with UV Stabilized polypropylene black thread. Each roll of PS42 is packaged in clear shrink-wrap with a teal band and includes installation instructions.

Index Test Results From Bench Scale Testing (TRI Environmental Labs or NTPEP)

Test Method – Description	Parameters	Test Result
ASTM D6566 – Mass per Unit Area	Index Test	18.42 oz/sq. yd.
ASTM D4355 – UV Stability	Index Test	90% at 500 hours
ASTM D6818 – Tensile Strength		
Machine Direction (MD)	Index Test	24.8 lb/in @ 24.6%
Transverse/Cross Direction (TD)	Index Test	11.2 lb/in @ 29.4%
ASTM D6525 – Thickness	Index Test	0.711 in
ASTM D6567 – Ground Cover/Light Penetration	Index Test	87.2%/12.8%
ECTC Method 3 – Determination of Unvegetated RECP Ability to Protect Soil from Hydraulically-Induced Shear Stresses Under Bench-Scale Conditions - **ASTM D7207**	Regression (power curve)	3.2 psf @ ½ in soil loss

Standard Roll Details

Width	2.44m (8ft)	4.88m (16ft)
Standard Length	25.7m (84.3ft)	25.7m (84.3ft)
Area	62.7m^2 (75yd^2)	125.4m^2 (150yd^2)
Weight ±10%	28kg (61lb)	56kg (122lb)

"Big Daddy" Roll Details

Width	2.44m (8ft)	4.88m (16ft)
Standard Length	102.8m (337.5ft)	102.8m (337.5ft)
Area	250.8m^2 (300yd^2)	500m^2 (600yd^2)
Weight ±10%	112kg (244 lb)	224kg (488 lb)

More information available upon request.