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Enviro400, Enviro700, Enviro900 Coir Mats

Contents:	100% Coir Fiber
Roll Size:	100 sq. m (119.56 sq. yd)
Dimensions:	2mx50m (6.56'x164')
Functional Longevity:	4-6 years

Enviro400



Enviro700



Enviro900



Properties	Test Method	Enviro400	Enviro700	Enviro900
Mass	ASTM D 5261	400 (11.8 oz/sq yd)	700 (20.6 oz/sq yd)	905 (26.7 oz/sq yd)
Thickness	ASTM D 5199	8 (.31 in.)	8 (.31 in.)	8.25 (.33 in.)
Light Penetration	ASTM D 6567	35%	34%	20%
Dry Tensile Strength - MD	ASTM D 4595	7 (480 lb/ft)	19 (1,302 lb/ft)	22 (1,507 lb/ft)
Dry Tensile Strength - TD	ASTM D 4595	7 (480 lb/ft)	14 (959 lb/ft)	18 (1,233 lb/ft)
Wet Tensile Strength - MD	ASTM D 4595	8 (548 lb/ft)	14 (959 lb/ft)	21 (1,439 lb/ft)
Wet Tensile Strength - TD	ASTM D 4595	6 (411 lb/ft)	10 (685 lb/ft)	12 (822 lb/ft)
Dry Elongation - MD	ASTM D 4595	41%	39%	50%
Dry Elongation - TD	ASTM D 4595	34%	39%	35%
Wet Elongation - MD	ASTM D 4595	37%	50%	44%
Wet Elongation - TD	ASTM D 4595	32%	32%	38%
C Factor		.002	.002	.002
Velocity		2.3 (7.5 ft/s)	3.5 (11.5 ft/s)	4.5 (14.8 ft/s)
Open Area		65%	50%	35%
Net Opening		25x25 (1"x1")	15x12 (5/8"x1/2")	10x12 (3/8"x1/2")
Best Use (Slopes)		2:1	1:1	>1:1
Permissible Shear Stress		(2.9 lb/sq in)	(4.6 lb/sq in)	(5.2 lb/sq in)
Enviroscape ECM certifies that the above criteria is met by this specified product and that it meets requirements as described in the Federal Highway Administration's Standard Specification FP-03 in Section 713.17 and as described by ECTC as a Type 3.B.				