



ETSC-70/30 STRAW COCONUT BLANKET

Description:

Erosion Tech ETSC 70/30 is an extended term erosion control blanket. The fiber matrix consist of 30% coir fiber and 70% agricultural grade wheat straw blended together in a continuous mix. The matrix is then mechanically bonded (stitched) on 2" centers in between two layers of poly-propylene UV- stabilized netting. The top layer of netting is a heavy duty UV stabilized black net while the bottom layer is a medium weight green PP-Net. Functional longevity of ETSC70/30 is designed for 24 months however results vary depending on natural environmental conditions.

ETSC 70/30 Specifications		
Roll Width	8'	16'
Roll Length:	112'	112'
Coverage Area	100syds	200syds
Stitching	2" Centers	
Yarn Type	High Denier/UV Stabilized Black	
Weight (lbs)	60	120
Matrix	70% Agricultural Wheat Straw	
	30% Mattress Grade Coir Fiber	

Netting Properties	
Top Net	Heavy Duty UV Stabilized Black Netting
	3/4" X 3/4" Mesh Size (Nominal)
	2.8+/-0.3PMSF Weight
	MD=25+/-6.0lb/4 strand/3"
	TD=25+/-6.0lb/4 strand/3"
Bottom Net	Medium Weight Green Netting
	1/2"X1/2" Mesh Size (Nominal)
	1.5+/-0.2PMSF Weight
	MD=14.6+/-4lb/5strands/3"
	TD=14.6+/-4lb/5strands/3"

VERIFIED VALUES		
DESCRIPTION	TEST METHOD	RESULT
TENSILE STRENGTH (lb/in)	ASTM 6818	MD 20.1lb/in
		TD 11lb/in
GROUND COVER/LIGHT PENETRATION	ASTM D6567	89.7% / 10.3%
MASS	ASTM D6475	9 oz/syd
THICKNESS	ASTM 6525	285 MILS
WATER ABSORPTION	ASTM D1117	334.9%

