



Product Data Sheet
4000-4420 4MX50M Coir Matting (400 gram)

COIR MAT

400 Gram

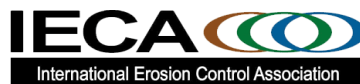


Coir Mat is a woven fabric of high strength coir twine made from well-cleaned, fresh water cured coconut fiber, it naturally absorbs and retains water while retaining its integrity and providing an ideal microclimate for the growth of vegetation. ****Meets or exceeds Caltrans 2015 standard for RECP Netting Type A per Section 21-1.020(3).****

Properties	Test Method	Typical Values	
		English	Metric
Material		Coconut Fibers	
Yarn		Natural Woven Coconut Fiber	
Fabric Weight	ASTM D 5261	11.8 oz/sq/yd	400gr/sq/meter
C-Factor for 1:1 Unvegetated Slope		< 0.25	
Tensile Strength	ASTM D 5035	> 125 lbs/ft ²	
Wide Width Tensile Dry	ASTM D 4595	Machine Direction 504 lbs/ft	
		Cross Direction 480 lbs/ft	
Max Elongation Dry	ASTM D4595	Machine Direction 36%	
		Cross Direction 31%	
Wide Width Tensile Wet	ASTM D 4595	Machine Direction 456 lbs/ft	
		Cross Direction 360 lbs/ft	
Max Elongation Wet	ASTM D 4595	Machine Direction 33%	
		Cross Direction 31%	
Water Absorpton	ASMT D 1117	163%	
Water Velocity	ASMT D 6460	8 ft/sec	
Max Shear Stress	ASMT D 6460	3.2 lbs/sq. ft.	
Open Area		65%	
Minimum Thickness		0.30 Inches	
Standard Roll Sizes		6.6'x164' (1076 ft ²)	2M x 50M (100 m ²)
		13'x164' (2153 ft ²)	4M x 50M (200 m ²)

The numeric values listed above are tpycial.

- Three to five years longevity allows establishment of vegetation.
- Provides effective erosion control of steep slopes and high velocity flow channels.
- Provides economic and evironmentally sound stabilization of stream banks and shorelines.
- High tensile strength and durability make it suitable for severe erosion control problems.
- Open mesh construciton provides excellent opportunity for the growth of vegetation.
- Adds fertility to the soil after biodegrading.



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