



TECHNICAL DATA SHEET FOR GEOSYNTHETIC MAT

PRODUCT CODE: erosion control GEOMAT

TESTS / PROPERTIES	UOM	STANDARD	Minimum Average Roll Value
PHYSICAL PROPERTIES			
SLOPE LESS THAN 60°			
Mass per unit area of the composite	g/m ²	ISO 9864 / ASTM D 3776	250
Tensile strength	kN/m	ISO 10319	2
Thickness	mm	ISO 9863 Part-1/ ASTM D 6525	6.5
UV stability @ 500hrs, Retained strength % with respect to original strength	%	IS 13162 Part2/ASTM D4 355	80
SLOPE 60° TO 80°			
Mass per unit area of the composite	g/m ²	ISO 9864 / ASTM D 3776	500
Tensile strength	kN/m	ISO 10319	4.5 3.5
Thickness	mm	ISO 9863 Part-1/ ASTM D 6525	12
UV stability @ 500hrs, Retained strength % with respect to original strength	%	IS 13162 Part2/ASTM D 4355	80

Coir (coconut fiber) geotextiles are popular for erosion control, slope stabilization and bioengineering, due to the fabric's substantial mechanical strength. Coir geotextiles last approximately 3 to 5 years depending on the fabric weight. The product degrades into humus, enriching the soil

Benefits:

- 100% Natural
- 100% Biodegradable
- Reseed Before and/or After Installation
- Easy to Install
- No Harm to Wildlife

