



NORTIVA GLOBAL INC.



NovaCoir 700 g/m² Premium ESC Matting



NovaCoir 700 GSM is a natural, biodegradable erosion control mat made from 100% coconut coir fibers, specially designed for landscaping and soil stabilization in challenging environments with moderate to steep landscapes. With a density of 700 g/m², it provides:

- **Strong soil stabilization** on slopes and embankments
- **Excellent water retention** to support vegetation growth
- **Reliable slope protection** under moderate to steep flow conditions

Its balanced mesh structure and open area support vegetation growth while minimizing soil displacement, making it an ideal solution for landscaping, erosion control and ecological restoration projects across diverse Canadian terrains.

PROPERTY	TEST METHOD*	VALUE
Mass per Unit Area	ASTM D6566	673 g/m ²
Thickness	ASTM D6525	8 mm
Tensile Strength (MD)	ASTM D6818	20 kN/m
Tensile Strength (CD)		9 kN/m
Dry Elongation (MD)		23%
Dry Elongation (CD)		23%
Biodegradability	ASTM E1252 – FTIR Test	100% Natural Fibers
Nylon Content		0% (Verified by FTIR)
Open Area	Measured	42%
Apparent Opening Size (AOS)	10 mm	
Recommended Slope	Between 2:1 and 1:1	
Longevity	3 – 5 years	
STANDARD SIZING	25m x 2m rolls (50 m ²)	

*Tested and validated by SCC accredited Canadian laboratory

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