



Geocoir & Geojute

Description

Manufactured from 100% high quality coir or jute fibres, **Goecoir** and **Geojute** erosion control netting is produced from spun coir or jute twine.

Geocoir is available in two grades, 750 gram and 900 gram . Both the grades provide a strong and durable short to mid term protection with an anticipated decomposition longevity of over 5 years.

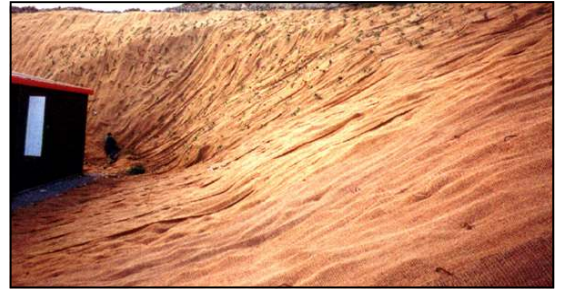
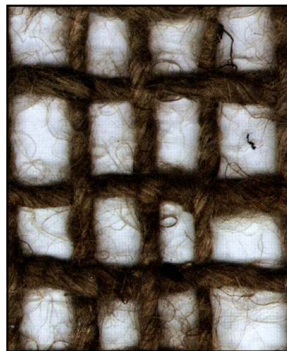
Geojute

Manufactured from unbleached jute fibre, Geojute is a lightweight yet effective net for use in prevention of erosion. It will typically degrade in one season and is used where short term protection is required.

Geojute holds up to 5 times it's own weight in water and when used in conjunction with hydroseeding can be invaluable for the establishing of new grass seedlings.

Uses

- Newly cut slopes
- Top soiling on slopes
- Landfill cappings
- Watercourse lining
- Soil reinforcement
- Sediment entrapment
- Sand dune stabilisation



3D Coirmat

Description

Manufactured from bristle coir fibre. 3D Coir mat is produced with a Geocoir net base with looped coir fibre upper matrix and is available in roll size 2m x 50m with a weight of 1.2kg/m².

The rough upper matrix prevents erosion and slows water runoff, maximising sediment encapsulation. The 20mm upper layer will also retain soil on slopes of up to 25° where little or no soil is present and where a totally biodegradable entrapment and erosion solution is required.

Uses

- Newly cut slopes
- Top soiling on slopes
- Landfill cappings
- Watercourse lining
- Soil reinforcement
- Sediment entrapment
- Ground abrasion protection.



Specification

GEOCOIR				
For use as		Properties		
River bank/stream bed erosion protection		Long biodegradable period of up 5 years		
Sand dune stabilisation		High tensile strength		
Some soil erosion control		Drapable		
Rockfall screening		Easy to install		
Soil abrasion protection i.e. Walkways, and temporary ground protection				
Function	Name	Technical Details		
Provides soil protection and moderate plant growth opportunities	Geocoir 400	Manufactured from 100% bristle coir fibre	Area Width Length Weight Dia. Weight	100m ² 2m 50m 40kg Compressed Folded roll 400gm/m ²
Provides soil protection and moderate plant growth opportunities	Geocoir 700	Manufactured from 100% bristle coir fibre Warp threads approx. 110/m Weft threads approx. 70/m	Area Width Length Weight Dia. Weight	50m ² 2m 25m 28kg 0.4m 700gm/m ²
Provides soil protection and moderate plant growth opportunities	Geocoir 820	Manufactured from 100% bristle coir fibre Warp threads approx. 110/m Weft threads approx. 70/m	Area Width Length Weight Dia. Weight	40m ² 2m 20m 30kg 0.4m 750gm/m ²
Excellent soil protection, but poorer plant growth potential	Geocoir 900	Manufactured from 100% bristle coir fibre Warp threads approx. 130m Weft threads approx. 70/m	Area Width Length Weight Dia. Weight	40m ² 2m 20m 36kg 0.4m 900gm/m ²

Function	Name	Technical Details		
Erosion control and improved plant establishment environment with durability of 1-2 years. Use with handseeding or hydroseeding.	Geojute® 250	Thickness approx. 4mm Open percentage of area, approx. 60-65% Warp threads approx. 64 per m Weft threads approx. 46 per m	Area Width Length Weight Dia. Weight	83.67m ² 1.22m 68.58m 20kg (+/-0.5kg) 0.3m 500gm/m ²
Erosion control and improved plant establishment environment with durability of 1-2 years. Use with handseeding or hydroseeding.	Geojute® 500	Thickness approx. 5mm Open percentage of area, approx. 60% Warp threads approx. 64 per m Weft threads approx. 46 per m	Area Width Length Weight Dia. Weight	83.67m ² 1.22m 68.58m 41.84kg (+/-0.5kg) 0.4m 500gm/m ²