TrailSafe™

The breakthrough in natural ground protection

Tough 35mm thick Heavy-Duty woven Coir Matting

TrailSafe natural matting. At 35mm thick it delivers the heavy-duty performance coast care, councils, land managers, and developers need, with the environmental credentials projects demand.

From coastal erosion control to bush walking tracks, beach access to worksite protection, TrailSafe handles applications that previously required synthetic products. **One product. Multiple solutions. Exceptional durability.**

What makes TrailSafe different?

Superior Thickness = Superior Performance

Most natural matting products are not adequate for challenging conditions. TrailSafe's woven 35mm construction delivers the durability and longevity that performs reliably for 5-7+ years.

Where TrailSafe excels

Walking Tracks & Public Pathway Application

TrailSafe solves the chronic washout problem that plagues bush and coastal tracks. The thick matting locks surfaces in place while allowing water to soak through—not under—eliminating undermining that causes track failure.
On steep sections, the natural grip and cushioned surface provides both safety and confidence for all users.
Perfect for national parks and council reserves

Coastal Erosion Control

At the critical water/dune/land interface where erosion hits hardest, TrailSafe provides immediate stabilization. The natural fibres trap sand particles while permeability allows drainage without undermining. Native vegetation will establish through the matting, roots take over long-term stabilization while the coir naturally biodegrades—creating self-reinforcing protection. It can be used in conjunction with coir logs to create natural wave absorbing barriers and sand traps.

Technical Specifications

	Standard Jute
Material	100% natural coconut (coir) fibre
Thickness	35mm (heavy-duty grade)
Weight	4-5 kg/m²
Load Capacity	Pedestrian and light vehicular traffic
Installation	Roll-out and secure with heavy duty pins
Expected Service Life	5-7+ years depending on application and traffic

Beach & Coastal Access

Beach access that handles everyday foot traffic to service vehicles. The 35mm thickness provides firm support over sand and uneven surfaces while the natural appearance integrates beautifully with coastal environments.

Exceptional durability in salt-spray conditions that degrade lesser products.

Worksite & Construction Access

Suitable for temporary or permanent site access and ground stabilization. Handles pedestrian and light vehicular traffic. Quick installation means you're operational fast.

For temporary footpaths, TrailSafe is remarkably economical—simply roll up at project completion and reuse on the next site. No expensive gravel to haul and spread. No plastic path systems requiring costly remedial works upon removal.

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Natural Grip That Works When Wet

The natural coir fibre texture maintains exceptional slip resistance even in wet conditions—critical for steep sections, coastal environments, and areas with regular moisture.

Performance that delivers

Immediate Stabilization

TrailSafe works from day one providing instant ground protection. Roll out, stake down. Trailsafe can be used as a surface matrix topped with soil and planted to create a strong three-dimensional matrix of fibre and interlocked roots to create a strong, sustainable erosion control biomass.

Water Management

Combine coir logs and Trailsafe to create sediment traps and filtration ponds, the permeability allows natural water flow while the fibre matrix drops sediment. Ideal in swail drains, rivers and streams application.

UV & Weather Resistance

Natural lignin in the coconut fibre stands up to harsh weather exposure that degrades lesser products.

Long Service Life

Expect up to 5 years in high-traffic, high-exposure applications, 5-7+ years in moderate conditions. When replacement is needed, add a new layer-the legacy matting continues providing subsurface stabilization. No removal required. No disposal costs. No environmental impact.

The natural advantage

Made from renewable coconut fibre, it requires no chemical treatments, sequesters carbon during growth, and biodegrades completely at end of service life.

For projects in sensitive areas—coastal reserves, national parks, waterways, heritage sites—TrailSafe provides the performance you need with the environmental credentials modern approvals demand.

Who uses trailsafe?

- Coastal management, parks and conservation authorities
- Councils managing coastal pathways and bush walking tracks
- Land managers protecting erosion-prone slopes, drainage lines and waterways
- Developers requiring worksite access and ground protection
- Environmental restoration projects in sensitive areas
- Aged-care facilities creating safe outdoor pathways
- Infrastructure projects requiring temporary or permanent access
- Commercial properties managing beachfront or coastal access

Size (W×L)	m² per roll	Thick	Roll Dimensions	Roll Weight
0.6m × 10m	6	35mm	0.6m × 0.66m dia	36kg
0.8m × 10m	8	35mm	0.8m × 0.66m dia	48kg
1.0m × 10m	10	35mm	1.0m × 0.66m dia	51kg
1.2m × 10m	12	35mm	1.2m × 0.66m dia	66kg
1.5m × 10m	15	35mm	1.5m × 0.66m dia	86kg
2.0m × 10m	20	35mm	2.0m × 0.66m dia	110kg

For more information, including pricing and bulk ordering options, contact Global Green Environmental:

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