

TREXGEO

Solutions
for Erosion Control
and Revegetation



Erosion
control solutions
for remediation &
revegetation projects.



TREX

EROSION CONTROL • SEDIMENT CONTROL • TURF REINFORCEMENT

Protect your landscapes with Enviroblanket

Soil erosion poses a significant threat to water sources, landscaping, and wildlife habitats, and its aftermath can be difficult and costly to manage. EnviroBlanket offers high-quality products designed to prevent and manage soil erosion effectively. Our solutions cater to short-term, long-term, and permanent protection needs. EnviroBlanket helps prevent soil loss from water and wind, reduces sediment runoff, and protects dry areas. Our blankets are ideal for safeguarding seeds and promoting healthy plant growth. Invest in EnviroBlanket today for sustainable landscapes.

ADVANTAGES OF ENVIROBLANKET

- Variety of erosion control matrixes to meet all project requirements related to soil stabilization
- Technically sound product (large scale testing with ASTM standards)
- Custom made product sizes (length, width, grams per sqm)
- Tested and proven product around the globe to use for erosion control needs
- Natural and photodegradable
- Easy to handle and install
- Promote the revegetation



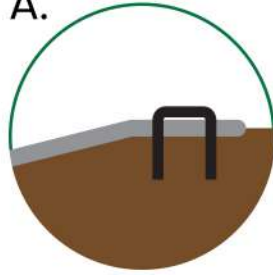
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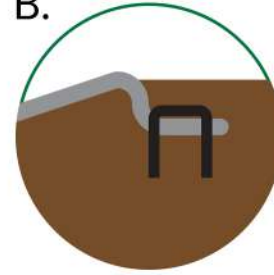
Installation Guideline

Anchoring Methods.

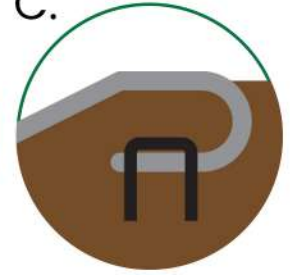
A.



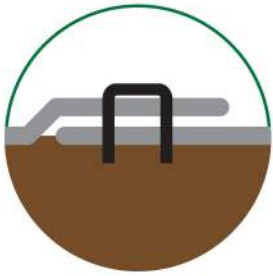
B.



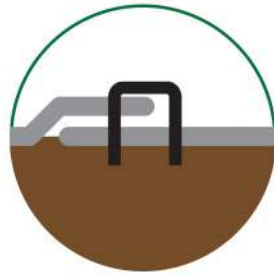
C.



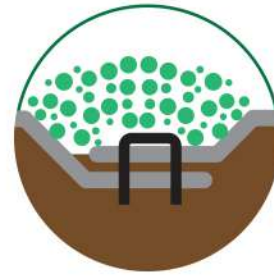
General Overlapping.



Side
overlap
5cm



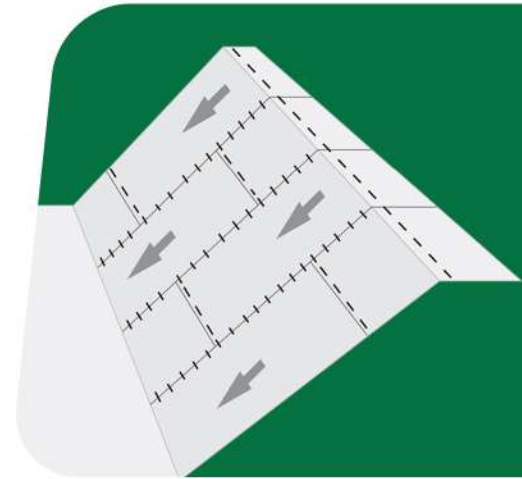
End
overlap
15cm



Check
slot

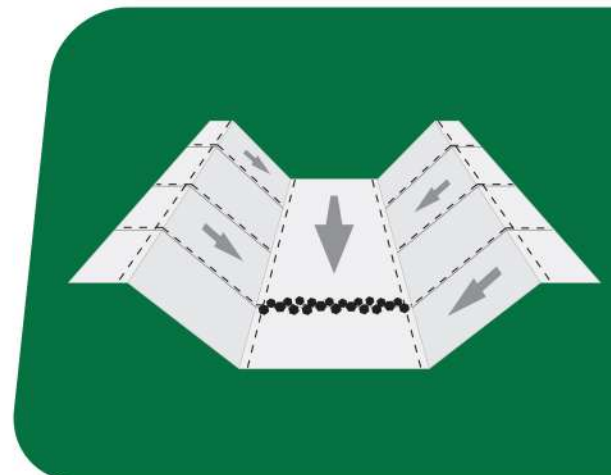
Slopes.

- Level and even out the slope. Before laying down the blankets, apply fertilizer and sow the seeds.
- Anchor blankets at top of slope. Use anchoring method "A" for 4:1 slopes, "B" for 3:1 slopes and "C" for 2:1 and steeper slopes.
- Unroll blankets in direction of water flow. Place blankets loosely and in full contact with the soil.
- Overlap blanket edges approximately 5 cm (2") and staple. Note: install blankets so edge overlaps are shingled away from prevailing wind.
- Overlap blanket ends 15cm (6"), upper blanket over lower blanket, and staple using five staples (anchor "A")
- Cut excess blanket with scissors and anchor at end of slope. Use anchoring method "A" for 4:1 slopes and "B" for slopes 3:1 or steeper.



Channels.

- Grade and smooth channel. Apply fertilizer and seed prior to installing blankets.
- Anchor blankets at channel top ("B"). Backfill with check slot material. For culvert outfalls, place blanket 30 cm (12") upstream from pipe
- Place a blanket in the center of the channel along the water flow, with additional blankets at the edges.
- Place check slots with soil, gravel, or stone at the middle (15 m / 45 ft.) and end of each blanket.
- Overlap side channel blanket edges 10 cm (4") over the center channel blanket and staple.
- Anchor the top edge of side channel blankets ("B").
- Anchor the terminal ends of blankets in a check slot.



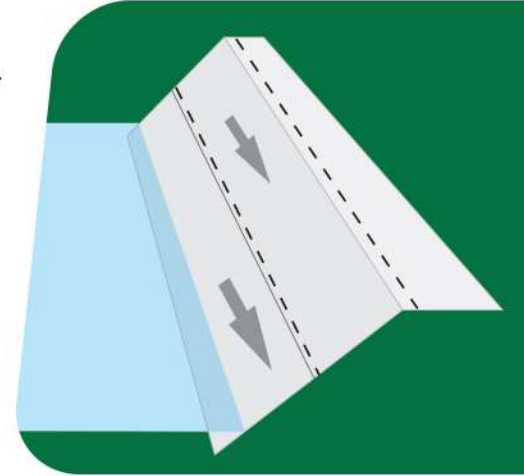
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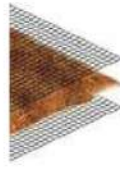
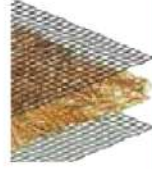

Installation Guideline

Shorelines.


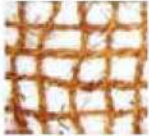





- Grade and smooth channel. Apply fertilizer and seed prior to installing blankets.
- Install blankets during lowest possible water level.
- Install blankets horizontally along shoreline if one width is sufficient. Secure top edge of blanket ("B").
- Overlap blanket ends and staple ("A").
- Anchor bottom edge of blanket ("B").
- For shorelines steeper than 3:1 slope, install blankets vertically using slope instructions.



TREXGEO Product Selection Guide

Products	Description	Longevity	Slope Application
	350gsm Jute net on top and Jute net on bottom 2.4mx50m Rolls	6-12 Months	3:1-2:1
	350gsm Single net top and bottom (brown PP) 2mx50m Rolls	2-3 Years	2:1-1:1
	350gsm Single net top and bottom (brown PP) 2mx50m Rolls	3-5 Years	1:1 or Greater
	700gsm Double Black Net on top and bottom 2mx30m Rolls	5-10 Years	1:1 or Greater
	450gsm Wave Blanket 2mx30m Rolls	10 Years	1:1 or Greater



Products	Description	Longevity	Slope Application
	700gsm Combine Blanket	10 Years	1:1 and Greater
	400gsm Coir Mesh	03 Years	2:1-1:1
	700gsm Coir Mesh	05 Years	1:1
	900gsm Coir Mesh	10 Years	1:1 or Greater
	Coir Log 30cmx3	05 Years	Depend on the application and project any slope can use logs.
	750gsm Jute Mat 1.83mx25m Rolls (with /without Slits)	1-2 years	2:1
	500gsm Jute Soil Saver Bales 1.22mx68.5 Cuts, 8 cuts per bale	1 year	3:1

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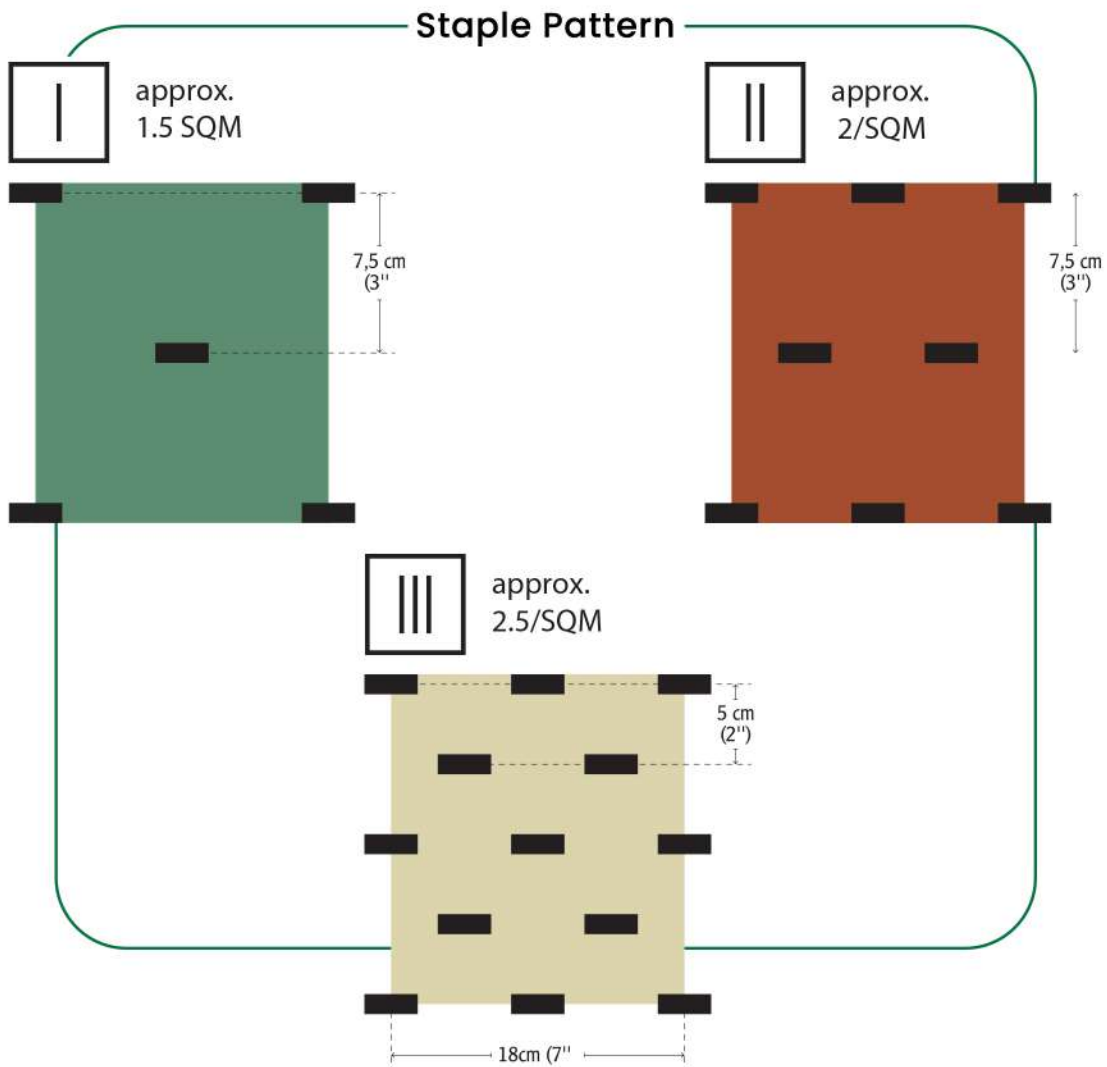


TREXGEO Product Selection Guide

Products	Description	Longevity	Slope Application
	U Staple Pins 150mm Length 250mm Length 300mm Length		
	Hardwood Stakes 25x25x900mm		
	Hardwood Stakes 25x50x900mm		



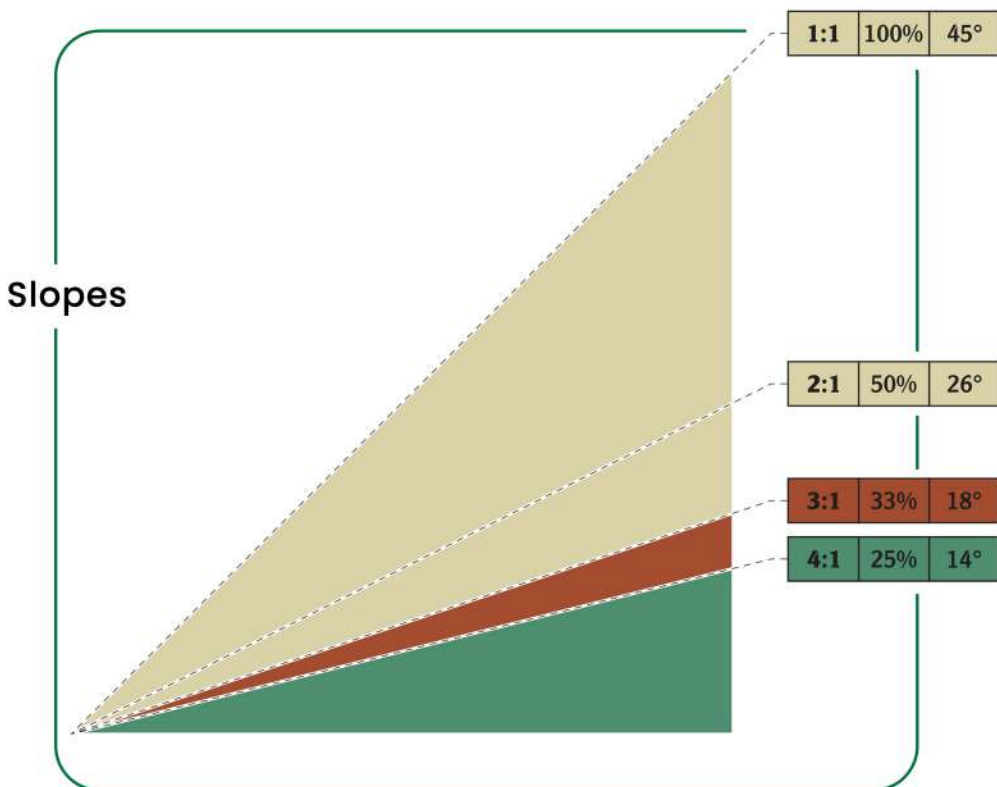
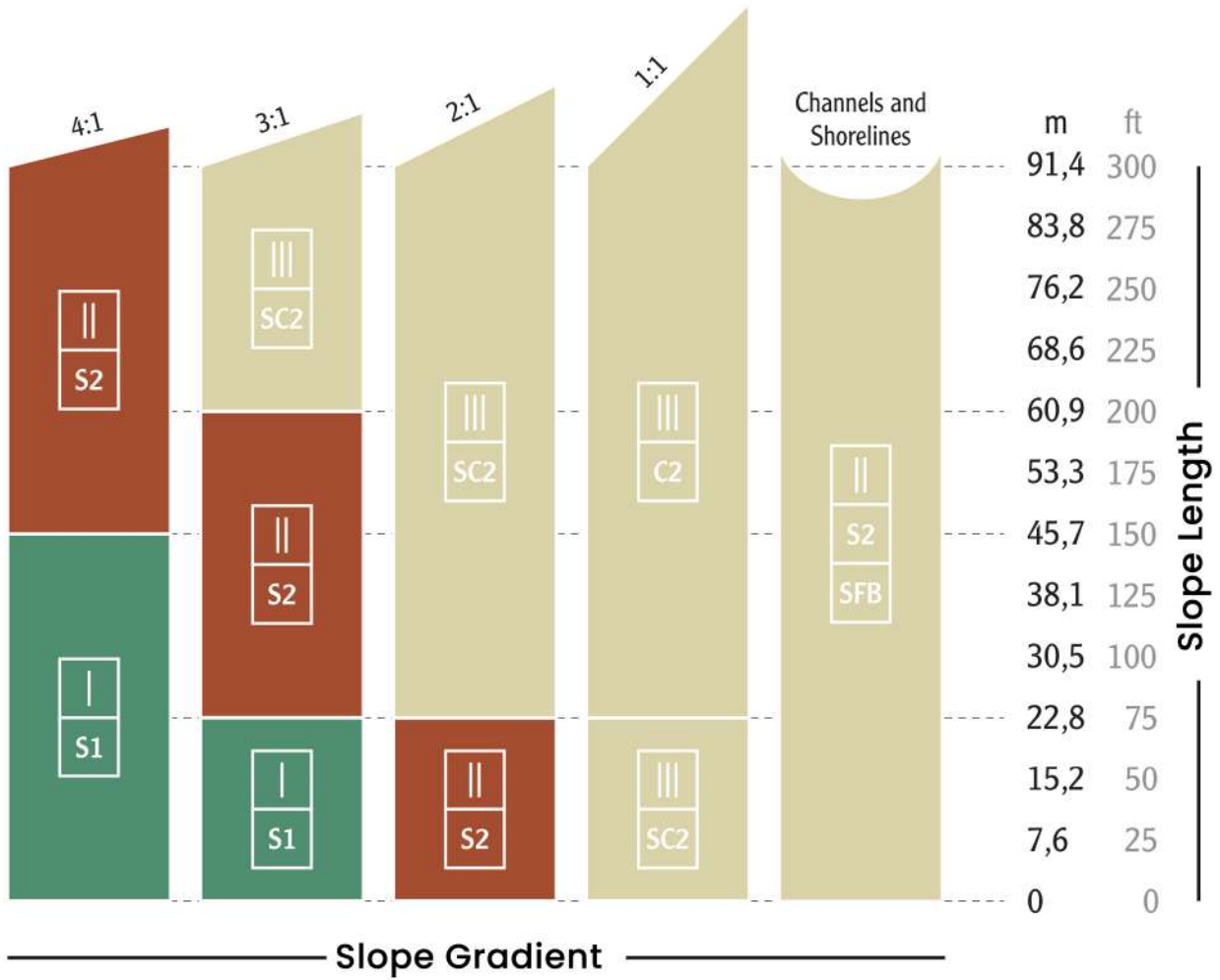
TREXGEO Staple Pattern Guide



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TREXGEO Product Selection Guide



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TREXGEO Product Applications



Erosion Control



Slope Protection



Water channel embankment protection



Dust mitigation



Revegetation



Turf grass growing



Sedum growing



Drainage pipe wrapping



Sand and mud covering



Sound Barrier / silt fencing



TREXGEO Projects



Bargara Beach Project



Hervey Bay Project



Bundaberg - Cummins Road



Gran Solar Farm



Clermont Coal Mine



Bluegrass Solar Farm project



Sedgman - Mt Pleasant ECB Pro



Maules Creek mine