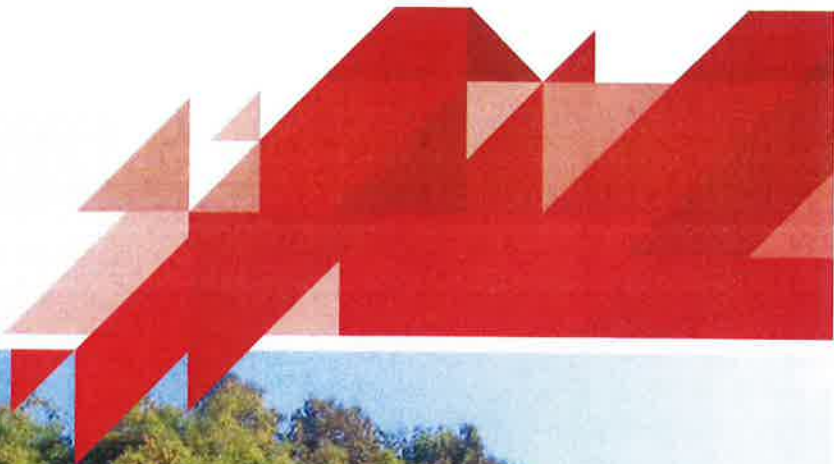




TERRE ARmee



TerraGreen[®]
EROSION CONTROL COIR MATTRESSES





APPLICATIONS

TerraGreen® is used to essentially prompt the vegetation. The usage takes place in the following area:

- Embankment slope surface protection – Railroad, Highway etc.
- Surface protection for Mine dump
- Hill slope surface protection as a mitigation of landslide or landslip (generally used along with TerraNail® or TerraAnchor™)

TerraGreen® is a composite blanket material made essentially from natural coco fiber with one geosynthetic layer on one side or both sides of the mattress. Very often it is recognized as non-woven natural geotextile. It is a custom designed erosion control mat / blanket useful for protecting dry and intermittently wet and erodible slopes. TerraGreen® is an eco-friendly solution for erosion protection by prompting vegetation growth in a faster way. TerraGreen® as a stand-alone technique or in combination with other solutions like TerraNail® or TerraAnchor™ is often used to mitigate low to medium grade surface erosions resulting eventual soil slips and slides.



TERRAGREEN®
PRODUCT CODE TAI-205

Technical Parameters

Test carried out	Results*	
	TerraGreen® 2.5-11-600	TerraGreen® 2.5-22-600
Tensile Strength (KN/m) [ASTM D-4595-2005]		
Machine direction	45	75 ✓
Cross machine direction	15	15 ✓
Elongation at max: load (%)		
Machine Direction	35.5	36.7
Cross machine direction	41.0	42.5
CBR Puncture resistance (N) [ASTM D 6241]	751.4	1594
Equivalent pore size (microns) (porosity) ASTM D-4751-99 ISO- 12236-96	75	75
Liquid absorptive capacity (%) ISO-9073-6-2000	83.0	83.0

*Note: Allowable variation on the test results is ±10%. In the above table there are technical specification of two different types of TerraGreen®. The selection is made based on the site situation, slope angle, annual average rainfall etc.



Tensile testing

REGISTERED OFFICE

Reinforced Earth India Private Limited

E 11, Block B-1 Extension (Opposite NTPC Badarpur)
Mohan Co-operative Industrial Estate, Mathura Road, New Delhi 110044
T +91 11 4645 7600 - 7601 | F +91 11 4645 7630
E info@terrearmeeindia.com | W terrearmeeindia.com



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