

# gtCoir 100% Biodegradable Blanket

**300gsm, top and bottom jute net with cotton thread.**

## Typical Applications

- Erosion Control
- Re-Vegetation
- Stream Bank Stabilisation
- Soil Erosion Control
- River Embankments
- Landscaping

## Benefits

- Promotes vegetation growth
- Adds organic material to insert soils
- Water absorption in low rain areas
- Mulching effect - prevents topsoil from drying out
- 100% natural biodegradable fibers
- High tensile strength
- High tear resistance
- Easy to install
- Follows the contours of the soil surface
- Typical breakdown - 12 months plus\*
- Restoration of aquatic and terrestrial habitats



## Specification

<b>Material</b>	Coir fibre, jute net and jute thread 100% biodegradable
<b>Dimensions</b>	Width: upto 2.4m Length: upto 50m
<b>Thickness</b>	5 - 6mm (tested according to ASTM D 5199)
<b>Mass</b>	310g (tested according to ASTM D 5261)
<b>Tensile Strength (dry) (kNm)</b>	mc: 2.6 (tested according to ASTM D 4595 - 86) Cross mc: 1.6
<b>Tensile Strength (wet) (kN/m)</b>	mc: 2.5 (tested according to ASTM D 4595 - 86) Cross mc: 1.7
<b>Grab Braking Load (N)</b>	mc: 95 (tested according to ASTM D 4632 - 91) Cross mc: 56

\*Product lifespan is dependent on circumstances. Variables such as soil conditions, installation methods and adverse weather will affect performance.

Green-tech endeavour to ensure that the information given on this technical data sheet is accurate, but accept no liability for its use or its suitability for particular application.

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## General Preparation and Installation Instructions

Seeding can be undertaken either before or after installing the erosion matting.

It is preferable to seed the area prior to installation of the blankets – this ensures the seed is protected from wild life and the elements. Seeding before installation allows the seed to be in full contact with the soil maximising germination potential.

### Preparation

Rake surface layer of area to be covered to a uniform even finish, remove large loose stones, and fill hollows – this should ensure maximum contact with the ground.

Broadcast chosen seed as evenly as possible, if a pre seed fertiliser if required – apply now.

Re-rake the area then lay blankets.

### **Avoid stretching and tearing of the blankets.**

The outer edges (top and sides) of all installations should be laid and pinned into 150mm “V” trenches then back filled with soil.

The trench at the top of the slope should be 600mm above the crest.

Pin using 300mm\* pins at 2-4 pins per m<sup>2</sup> depending on slope and soil conditions.

A rough guide -

2 pins per m<sup>2</sup> for slopes upto 30 deg.

4 pins per m<sup>2</sup> for slopes over 30 deg.

Overlap edges of adjacent blankets by 75 –100mm pin through the overlap.

Install horizontally on shallow or short slopes or watercourses.

Install vertically on longer or steeper slopes.

Further advice on establishment and installation is available.

\*A range of size types of pins are available

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