

## Tecmat Coir Matting 450gsm



450gsm 100% Coir Fibre Blanket with Top and Bottom Photodegradable Brown PP NET

**Tecmat Coir Matting** are made from 100% natural and biodegradable coconut fibre that is manufactured into rolls in various grades and lengths. These matting intercept high velocity / flowrate water runoff from stormwater events assisting with stormwater and wind erosion. Coir fibres also promotes vegetation growth by adding organic material to the ground and by assisting in retaining moisture in the soil (mulch effect). A very high lignin content found in coir fibres also increases the fibres strength thereby increasing their functional life to 2+ years.

### BENEFITS

- Promotes vegetation growth
- Adds organic material to inert 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
- Degrades over 2 to 3years

### APPLICATIONS

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



### Tecmat Coir Matting 450gsm Specifications

|                         |  |
|-------------------------|--|
| Material                | 100% Coir fibre, , Brown PP net and Brown PP thread<br>PP netting is – Photodegradable<br>Mesh Size 9mmx 9mm |
| Dimensions              | Width up to 2.4m, Length up to 50m   |
| Thickness               | 6-7 mm (tested according to ASTM D 5199)   |
| Apparent opening Size   | Nil (tested according to ASTM D 4751)  |
| Mass (g/sqm)            | 450-460g (tested according to ASTM D 5261)   |
| Tensile Strength (kN/m) | mc – 2.5 (tested according to ASTM D 4595), Cross mc – 2.2   |
| Grab Braking Load (N)   | mc – 49 (tested according to ASTM D 4632), Cross mc – 43   |