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TEC Mat™ Jute & Jute Mesh Soil Saver Erosion Control

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TEC Mat™ Jute & Jute Mesh Soil Saver

TEC Mat™ Jute is 100% organic and is the traditional erosion control blanket used to protect soils in areas exposed to wind or high rainfall. The heavier grades of TEC Mat™ Jute are also used as weed suppressants while the TEC Mat™ Jute - 280gsm provides an ideal media for seed germination as it protects the soil from erosion while still allowing the seed to grow through the matting. The innate characteristic of “moulding” to the ground, allows TEC Mat™ Jute to reduce moisture loss from the soil that aids the growth of desired plants. It has a life expectancy varying from 6 to 24 months depending on grade and climatic conditions.

Jute Mesh is a biodegradable open weave erosion control mesh suitable for short term erosion protection to batters and open drains. Jute Mesh helps retain moisture and allows water and light infiltration to encourage vegetation growth.

Used for slope protection, roadside shoulders, drainage areas, landscape projects, also used in conjunction with Hydroseeding and Seed & Bitumen emulsion spraying.

Specifications	TEC Mat™ Jute Light	TEC Mat™ Jute Medium	TEC Mat™ Jute Heavy	Jute Mesh (Soil Saver)
Weight	280g/m ² (nominal)	450g/m ² (nominal)	750g/m ² (nominal)	500g/m ² (nominal)
Roll Size	2m x 50m	1.83m x 25m		1.22m x 549m bale
Colour	Natural			
Material	Jute Fibres needle punched to form a matting			100% Jute Fibre

**TEC Mat™ Jute is also available preslitted for your convenience*

JUTE MESH / TEC MAT™ JUTE INSTALLATION

Preparation

- **TEC Mat™ Jute Light and Jute Mesh:** Before placement, area must be smooth, free of stones, lumps or roots. Complete grass seeding if required.
- **TEC Mat™ Jute Medium and Heavy Weight:** Prepare area free of stones, lumps or roots so that placement of mat will be in contact with underlying soil.

Placement

- Place the product out in the direction of flow without stretching
- Overlap adjacent strips and adjoining ends by at least 100mm-150mm
- For all overlaps, place the upstream section on top
- Lay it evenly but loosely on the soil surface
- To keep the area smooth, minimal disturbance to any laid seedbed is desired
- Bury the up-channel end of each installation in a narrow 150mm deep trench

Pinning

Steel U Pins range from 2mm to 4mm in diameter, formed into a U shape and length 150mm to 300mm

- Hold matting strips firmly in place with one row of pins
- Pin along each edge, overlaps and each row along the middle
- Space pins no more than 1.0m apart in each row
- Space the pins in the middle row alternately with those at the edges
- At the ends of the covered area and at overlapping joints, space pins no more than 450mm apart
- Ensure that pins remain flush with the ground

Consult Polyfabrics Australia Pty Ltd or a certified Engineer for site specific installation instructions.

