

# Jute Mat Thick

## Soil Stabilisation & Weed Suppression Mat

### Description

**Jute Mat Thick** is the most robust weed and erosion control geotextile made of natural jute fibres.

**Jute Mat Thick** acts as a mulch, providing weed suppression and moisture retention to enhance plant establishment, while protecting the topsoil from erosion.

**Jute Mat Thick** is 100% organic and has an expected effective life of approximately 18 months.

### Applications

A natural mulch mat for weed and erosion control ideal for:

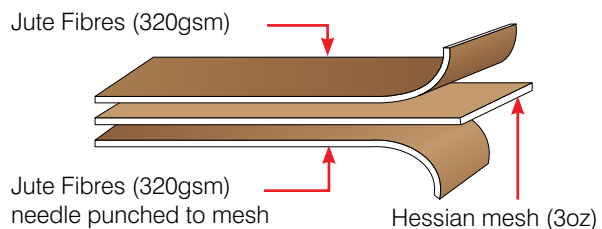
- Slopes up to 1:1 grades.
- Roadside and general landscaping.
- Garden and revegetating beds.
- Wetlands and riparian batters.
- Coastal sites.
- Water velocities of up to 1.8 metres per second.

### Pre-cut Planting Slits

Geofabrics provides a service to pre-slit the matting with planting holes at a variety of planting densities.

Benefits of pre-slit **Jute Mat Thick**:

- Reduces OH&S issues with bending and sharp cutting tools.
- Significantly reduces labour costs when planting.
- Reduces time in setting out plantings.
- Uniformity of planting pattern ensures correct plant numbers.



### Product Tip

**Jute Mat Thick** 620-680 gsm thickness is the optimum balance between weed suppression and water penetration. This performance is achieved due to the mass (620-680 g/m<sup>2</sup>) and thickness of **Jute Mat Thick** matting.

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### Benefits

#### Halts Erosion

Exposed soils are protected with biodegradable **Jute Mat Thick**, providing erosion control for up to 18 months.

#### Mulches

**Jute Mat Thick** acts as a roll-on mulch, adding organic matter to the soil as it breaks down. Suppresses most weeds while planted vegetation is establishing.

#### Retains Water

**Jute Mat Thick** greatly reduces moisture loss due to evaporation, and conforms to the contours of the ground.

#### 100% Organic

**Jute Mat Thick** contains no plastic meshes and will not entangle wildlife or machinery.

#### Other Features

Reduces heat absorption, which helps to protect plants. **Jute Mat Thick** is flexible and strong when being laid.

### Specifications

<b>Name</b>	<b>Jute Mat Thick</b>
<b>Material</b>	100% biodegradable jute fibres. Needle-punched high density matting.  Beige colour.
<b>Construction</b>	Central hessian (3oz) scrim.  Upper and lower layers of jute fibres needle-punched onto the scrim.
<b>Mass</b>	620 - 680 g/m <sup>2</sup> (nominal).
<b>Density</b>	110 - 120 kg/m <sup>3</sup> .
<b>Life Expectancy</b>	Effective life of up to 18 months.
<b>Pinning Rate</b>	3 pins per m <sup>2</sup> (see Installation Sheet).



#### Field Tip

*Preliminary weed control is essential before installation. Several bulbous weed species may have the ability to penetrate the matting. Examples are paspalum spp, allium spp (onion weed), kikuyu grass, couch grass, some secale spp (rye) and cyperus rotundas (nut grass).*

SAMPLE

Roll size	Weight per roll	Product weight	Product thickness	Life expectancy
1.83m x 25m (45.75m <sup>2</sup> )	± 30kg	620 - 680g/m <sup>2</sup>	± 6mm	18 months

Caution advised where fire is a risk.