

# HEAVY-DUTY SOIL STABILISATION AND WEED SUPPRESSION MAT

## JUTE BIODEGRADABLE EROSION CONTROL MAT (THICK)

### TECHNICAL DATA SHEET

Jute Mat Thick is a heavy-duty, biodegradable erosion control mat made from 100% natural jute fibres, designed for enhanced soil stabilisation, weed suppression, and moisture retention. Acting as a natural mulch layer, it protects topsoil from erosion, while supporting healthy vegetation growth.

- Prevents soil erosion on vegetated slopes, helping maintain slope stability and support healthy plant establishment
- Suitable for use in conditions with water velocities reaching up to 1.8 metres per second
- Acts as a roll-on mulch, adding organic matter to the soil as it breaks down
- Acts as a protective blanket, preventing seed loss from wind, water, and bird activity
- Supports revegetation efforts and reduces weed growth
- Made from 100% natural, organic fibres that biodegrade within approximately 18 months, without posing an entanglement risk to wildlife
- Ideal for slopes up to 1:1 grades, roadsides and landscaping, garden and revegetating beds, wetlands and riparian batters
- Enables easy handling and installation by one or two people

### JUTE MAT (THICK) - SPECIFICATIONS

| MATERIAL  | CONSTRUCTION  | MASS                                 | DENSITY                     | LIFE EXPECTANCY | PINNING RATE              | ROLL SIZE                    | WEIGHT PER ROLL | PRODUCT THICKNESS |
|---|---|--------------------------------------|-----------------------------|-----------------|---------------------------|------------------------------|-----------------|-------------------|
| 100% biodegradable jute fibres. Needle-punched high density matting | Central hessian (3oz) scrim. Upper and lower layers of jute fibres needle-punched onto the scrim. | 620 - 680 g/m <sup>2</sup> (nominal) | 110 - 120 kg/m <sup>3</sup> | Up to 18 months | 3 pins per m <sup>2</sup> | 2m x 25m (50m <sup>2</sup> ) | ± 36kg          | ± 6mm             |

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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