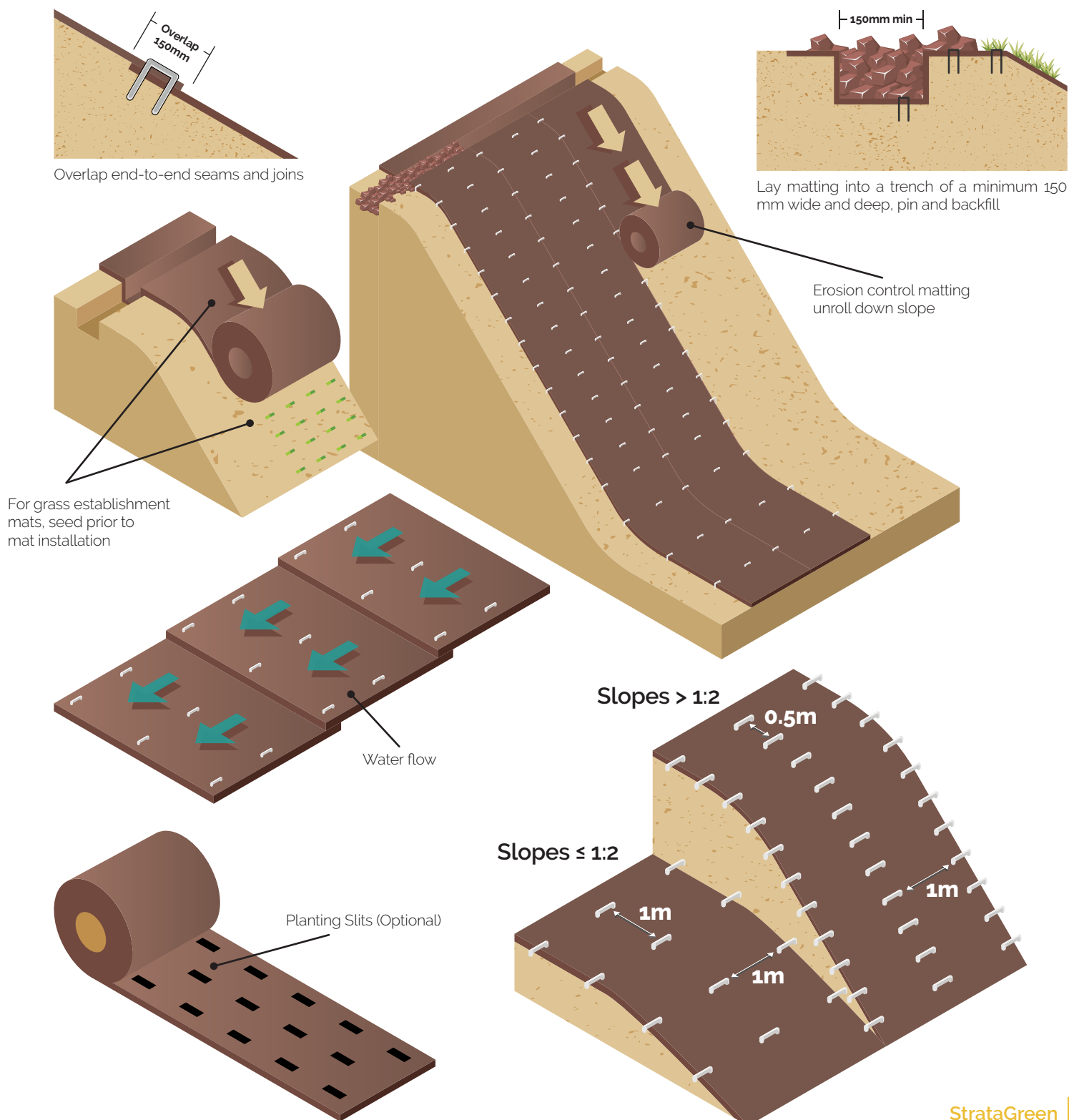


BioTek™ Jute Matting, BioTek™ Jute Mesh Soil Saver BioTek™ Coir Mesh Matting and BioTek™ Coir Erosion Control Blankets

All these materials are made of 100% biodegradable fibre, which promotes growth and protects embankments from soil loss.



This guide shows the steps required to successfully prepare and lay out the BioTek jute matting. If you have any questions, please don't hesitate to get in touch with our team at StrataGreen: Email info@stratagreen.com.au or Phone: **1300 866 367**. We are here to support your projects' success.

STEP 1: Prepare the surface first

- ✓ Make sure all weed affected areas are sprayed and controlled before mat installation.
- ✓ It is important that the surface is smooth for best contact between the soil and the matting. Trim the slope to a smooth profile so that obstructions (such as roots, rocks and rubble) are removed, and holes are filled in and smooth.
- ✓ Place anchor trenches along the top edges.
- ✓ To make sure grass and plants can thrive successfully afterwards, spread the top-soil across the surface to the required depth.

STEP 2: How to lay matting into a trench (only on steep gradients + flood areas)

- ✓ Dig trench at top of slope, at least 150mm wide and 150mm deep.
- ✓ Ensure the end of the roll is pinned into the bottom of the trench.
- ✓ Fill the trench with soil.
- ✓ Roll mat down the slope with an overlap of at least 150mm.
- ✓ Secure the overlaps by pinning the mat well.

STEP 3: Simple ways to lay the matting

- ✓ It is easiest and recommended to roll the mat from the top to the bottom of a steep area.
- ✓ The overlap between the mats must be at least 150mm. Pin these every 500 mm to ensure they are sturdy and don't move.
- ✓ The matting should be laid down the flow line in drains.
- ✓ If the site is exposed to flooding, the layer patterns must resemble a tile roof pattern.
- ✓ The material must settle and, so it is important to lay it down smoothly and allow it to contour to the soil profile.

STEP 4: Pinning

- ✓ Pinning is important to ensure stability of the matting. It is better to include too many pins than too little. For best practice pinning intervals, please refer to the graphic for pinning intervals.
- ✓ More pins may be necessary in uneven soil to improve contact between mat and soil.
- ✓ If matting is laid in flooding or windy areas, more pins may be necessary.
- ✓ Steel Staples are most commonly used but the Biodegradable Gripper Pins are also available.
- ✓ The lighter the soil, the longer the staples or pins should be. Heavy soil will hold better and shorter staples or pins will suffice.

Tools Required to install BioTek matting:

- ✓ Knife, Scissors, Shears
- ✓ Hammer or mallet
- ✓ Shovel, spade or digger for trenching

BIOTEK™ JUTE MATTING PRODUCT INFO AND SIZES

PRODUCT CODE	ROLL SIZE	WEIGHT PER ROLL	PRODUCT WEIGHT	PRODUCT THICKNESS	LIFE EXPECTANCY
JM2025500	1.83m x 25m (45.75m ²)	± 23kg approx	500g/m ²	5mm	18 months
JM2025800	1.83m x 25m (45.75m ²)	± 36kg approx	800g/m ²	8mm	24-36 months
JM2025800/PS (Pre-Split, 4/sqm)	1.83m x 25m (45.75m ²)	± 36kg approx	800g/m ²	8mm	24-36 months

BioteK™ Jute Mesh Soil Saver Product Info and Sizes

PRODUCT CODE	ROLL SIZE	WEIGHT PER ROLL	PRODUCT WEIGHT	MESH SIZE	LIFE EXPECTANCY
JSS12550	1.2m x 550m (660m ²)	± 330kg approx	496g/m ²	20mm x 20mm	12 months

BioteK™ Coir Mesh Matting Product Info and Sizes

PRODUCT CODE	ROLL SIZE	WEIGHT PER ROLL	PRODUCT WEIGHT	MESH SIZE	LIFE EXPECTANCY
H2M400	2m x 25m (50m ²)	± 20kg approx	400g/m ²	20mm x 20mm	12-18 months
H2M700	2m x 25m (50m ²)	± 35kg approx	700g/m ²	10mm x 10mm	26-36 months
H2M900	2m x 25m (50m ²)	± 45kg approx	900g/m ²	8mm x 8mm	26-36 months

BioteK™ Coir Erosion Control Blanket Product Info and Sizes

PRODUCT CODE	ROLL SIZE	WEIGHT PER ROLL	PRODUCT WEIGHT	PRODUCT THICKNESS	LIFE EXPECTANCY
ECB700	2.4m x 25m (60m ²)	± 42kg approx	700g/m ²	8mm	24-36 months

PINNING

PRODUCT CODE	DIMENSIONS	PACKING
BP175	175mm long	800 pins/carton
BGP280	280mm long	400 pins/carton

PRODUCT CODE	DIMENSIONS (mm)	PCS PER CARTON
WMGS200	200 x 35 x 4	200
WMGS300	300 x 50 x 4	200
WMGS3005	300 x 50 x 5	200
WMGS450	450 x 50 x 5	100
WMGS600	600 x 50 x 5	100

