



## BIODEGRADABLE PLANT ESTABLISHMENT, WEED AND EROSION CONTROL

- Weed suppression
- Enhanced Plant/Tree Establishment
- Erosion Control
- Riparian Plantings
- Civil construction
- Stream/wetland restoration

## ADVANTAGES OF TERRAMULCH WOOL GROUND MATTING

- 100% Biodegradable
- Longer lasting
- Reduced maintenance
- Higher survival and growth rates
- Frost protection of roots
- 100% natural fibre

### BIODEGRADABLE

TerraMulch is made of 100% natural wool and jute fibres. The long, stronger fibres of the jute act as reinforcing, binding the fibres together for an even tougher matting. TerraMulch biodegrades into the soil over 6–36 months depending on the matting density and planting environment. Nutrients are released from the mat into the soil further assisting plant growth with NO SYNTHETIC RESIDUE.

### WEED SUPPRESSOR

TerraMulch is a needle punched, dense, felt-like matting from 300gsm to 1000gsm, depending on the level of weed suppression required. TerraMulch accelerates the plant establishment process by reducing competition of surrounding weeds and significantly reduces the cost of weed maintenance and the use of herbicides in sensitive planting environments.

### WATER RETENTION

Wool fibre is hygroscopic and can absorb three times its own weight of water within its fibres. Wool fibre is very fine, and the densely needled TerraMulch reduces evaporation of water through the matting compared to the course and open fibre of competing products. Contractors save money on irrigation and plant survival rates increase, especially in drier planting sites and climates.

### INSULATES

Frost can damage the plant root structure, decreasing survival rates of young plants. TerraMulch is made from wool, a superb natural insulator helping protect sensitive plant roots from frost.

### MATTING DENSITY

TerraMulch comes in a variety of densities from 300 grams per m<sup>2</sup> to 1000 grams per m<sup>2</sup>. Each offers different performance benefits, with the denser products giving greater weed suppression and taking longer to biodegrade.

TERRAMULCH 300		ROLL SIZE
Weed Suppression Rating out of 10	<b>2</b>	2.1m wide
Life expectancy	6-12 months	50m long
TERRAMULCH 500		
Weed Suppression Rating out of 10	<b>5</b>	2.1m wide
Life expectancy	12-18 months	30m long
TERRAMULCH 750		
Weed Suppression Rating out of 10	<b>7.5</b>	2.1m wide
Life expectancy	18-24 months	20m long
TERRAMULCH 1000		
Weed Suppression Rating out of 10	<b>9</b>	2.1m wide
Life expectancy	24-36 months	15m long

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### TERRAMULCH APPLICATION

TerraMulch comes either in pre-cut single plant mat squares or in rolls 2.1m wide and length depending on density: R300–50m, R500–30m, R750–20m, R1000–15m. The matting can be fixed to the ground with TerraPeg Biodegradable pegs.

### ENHANCED ESTABLISHMENT COMPARISON

Grasses planted naked on the left and with TerraMulch on the right. The TerraMulch plants grew twice the size.

# TERRAPEG<sup>®</sup>

BIODEGRADABLE



## AT LAST!—A SAFE, NATURAL, BIODEGRADABLE MAT FIXING SOLUTION

### Applications & Advantages of TerraPeg

- Fixing TerraMulch around joins and plants
- 100% Oxo-Biodegradable
- Durable for required life
- Made from 100% renewable bio-based resins
- Very strong hold
- Rapid and easy application

### BIODEGRADABLE

TerraPeg biodegradable ground pegs are manufactured from a sugar derived bio-resin (ASTM-D6866 and Vincotte Class 4 highest certification as a bio based resin). The result is a durable peg that will indeed biodegrade over time when left in the ground

(ASTM-D6954) as opposed to many biodegradable plastics that compost only in municipal composting facilities at 40°C to 60°C (ASTM D6400). TerraPegs can be fixed by mallet or with the TerraPeg Driver tool. Available in 100, 150 and 200mm lengths.

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