

Biodegradable Weed Mats

BIODEGRADABLE WEED MATS – ‘THEY COME FROM NATURE AND GO BACK TO NATURE’

Terrascape biodegradable weed mats, made by Rainbow Professional UK, are made of 100% plant material. The fabric contained in the bio-weed mats will simply biodegrade to compost at the end of their lifetime providing a nutrient rich element for the soil and reduce any possible ongoing maintenance costs to the absolute minimum.

The use of these type of mats means that the use of synthetic mats or herbicides can be avoided which are so harmful to the environment.

The mats are UV stable and do not require any mulch, bark or wood chips to cover the fabric unless used as an alternative to weed mat stakes.

Environmentally friendly weed and erosion control

Our bio-weed mats have been successfully used in Europe since 2011, not only preventing weed growth but protecting the ground against surface erosion from wind and rain.

What are the advantages?

UV stable - The raw material is PLA** which is UV stable.

Terrascape bio-weed mats will biodegrade through combined action of microorganisms, temperature, and humidity.

Fire resistant - Being made from PLA, these bio-weed mats are naturally fire resistant.

There is no risk of fire ignition (cigarettes, vandalism) unlike natural fibre blankets like coir, jute, or hemp.

Excellent water and air permeability - The water permeability of our bio-weed mats is 10 times better than woven fabrics which will promote the growth of the young plants.



Why use Terrascape biodegradable weed mats?

- Requires no maintenance after installation, they are the perfect sustainable solution for landscape and roadside planting.
- Outstanding water and air permeability which stimulates the growth of plants.
- UV stable and will not shrink when exposed to sun, therefore no need to cover with mulch or bark.
- Prevents surface erosion.
- Easy to transport, cut and install

Technical Specification:

Colour	Brown
Composition	100% Bio fibres (PLA)
Weight	150g/m ²
Thickness	0.9mm
Tensile Strength	3 kN/m
Elongation	40%

Size options:

Tree Mat with slit	500mm ²
Roll	length 100m (+/- 3%) width 1m (+/- 1%) weight (17-20kg)

Other conditions:

Lifetime of the product is dependent on storage conditions before installation. Product should be stored in dry conditions and out of direct sunlight before it is installed and within 6 months of purchase. Under these conditions, a minimum lifetime of 3 years after installation is expected.