

# RAINBOW TERRA INSTALLATION GUIDE

A British Grown wood shelter that biodegrades into healthy nutrients in the soil, freshwater and oceans, 100% plant based and non toxic, committed to carbon zero by 2025, with a safe top, reinforced holes and an amazing design



[rainbowterra.eu.com](https://rainbowterra.eu.com)



+44 (0) 1482 616861



[info@rainbow.eu.com](mailto:info@rainbow.eu.com)



[@rainbowpro](https://twitter.com/rainbowpro)





## Introduction

For more than 50 years, the forest and landscaping industry has been using tree shelters made mainly from polypropylene, which is a robust material in extruded form and can tolerate relatively rough treatment without impacting on the usability and performance of the product. With the advent of biodegradable tree shelters appearing on the market, in particular the wood-based and plant-derived Rainbow Terra, the way these are handled from store to site must be different and more gentle than the current methods of loading, unloading and transportation around the site due to the 'living' nature of the material used.

**Treat your Rainbow Terra like you treat your trees.**

### Storage:

As Rainbow Terra is fully biodegradable in



Soil



Fresh water



Oceans

Stored in a dry environment.

### Reducing Packaging Plastic Waste:



Rainbow has avoided the use of plastic for packaging and opted for carton boxes instead. These boxes are not only sturdy but can also biodegrade on-site if left there. Contact us to learn more about our carton boxes and their biodegradable credentials.



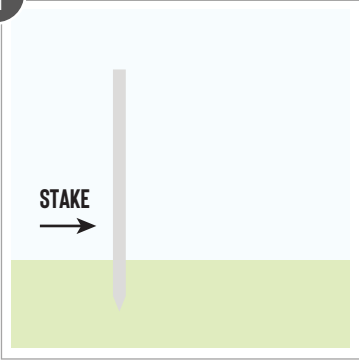


## Installation:

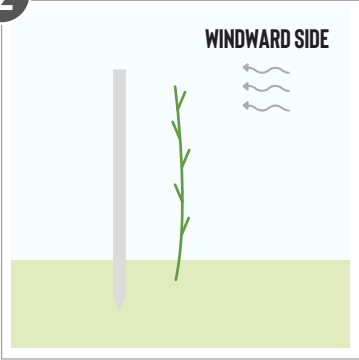
To properly install the Rainbow Terra, use an untreated wooden stake with a suitable diameter. For a 60cm tube, a stake measuring 90cm in height is recommended, while a 1.2m tube requires a 1.35m tall stake.



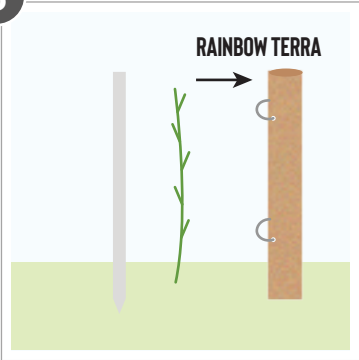
### Follow these steps for installation:

- 

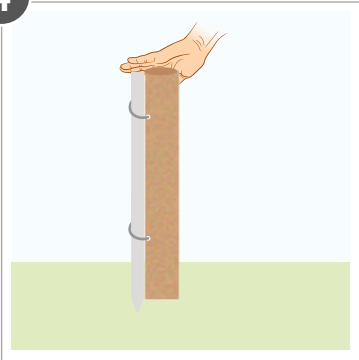
1

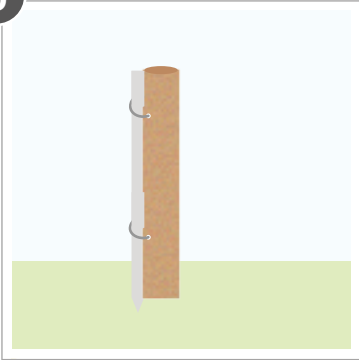
Screef the ground, then insert the stake.
- 

2

Position the tree on the windward side of the stake.
- 

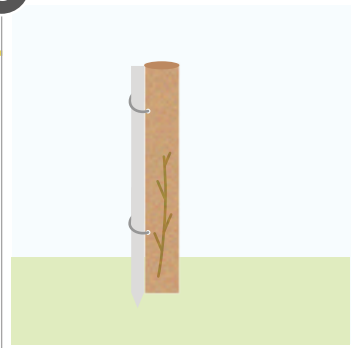
3

Install the Rainbow Terra on the windward side, placing it before the stake.
- 

4
- 

5

Gently ease the Rainbow Terra into the screefed ground over the tree by around 1-2 cm. Use the flat of your hand to apply even pressure over the top aperture. This helps deter small animals from reaching the tree.

Fasten the ties securely but avoid overtightening to prevent undue stress on the tube wall at the tie point. Gently fasten the ties.
- 

6

Finally, check to ensure the transplant inside the tube is not caught in the bottom tie when tightening.

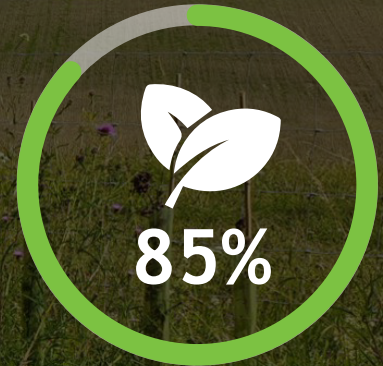
**NOTE:** Do not attempt to plant if the ground is frozen or waterlogged.





# Maintenance

It is natural for up to 15% of new transplants to fail, potentially requiring tube removal for tree replacement within the first year or two. When releasing or replacing the ties and lifting the tube off the stake, exercise caution as the material gradually weakens due to biodegradation. Take care when reinstalling the Rainbow Terra after replacing the tree. Gently push the tube into the soil before gently tightening the ties once more. Note that the Rainbow Terra can withstand overspray of Glyphosate herbicide but is not resistant to abrasion from strimmer lines.



## Performance:

The Rainbow Terra is designed to have a service life of approximately 5 years depending on climatic conditions and location of planting. Extensive accelerated weathering testing following ISO 4892-2-06 (Method A, cycle 1) and benchmarking performance against other solutions confirms its durability.

## End of Life:

The TUV OK SOIL biodegradable label follows ISO 17556 and other norms to demonstrate complete biodegradability in the soil with no adverse effects on the environment. Within two years in the soil, the Terra breaks down into essential components such as water, CO<sub>2</sub>, and biomass, ensuring a harmonious return to nature. Any parts ending up in freshwater or marine environments are also guaranteed to fully biodegrade.

For detailed information on our TUV OK SOIL biodegradable label tests and certification, please contact Rainbow.

USE IT, LEAVE IT!