



rainbow
professional
shaping your environment



RAINBOW TERRA

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



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Wood Story

As entrepreneurs, we have a deep-rooted passion for creating landscapes that are not only beautiful but also sustainable and eco-friendly. We take pride in having been one of the first to champion the use of organic and biological fertilizers in Belgium, harnessing the power of natural materials to nourish the soil responsibly.

When we moved to the United Kingdom four years ago, we carried our eco-conscious principles with us. Inspired by the beauty of the British countryside, we embarked on a mission to develop something truly remarkable: a **biodegradable tree guard made from British grown wood**.

Our journey took us deep into the woods, where we researched biodegradation release rates of plant materials and FSC/PEFC certified pine and spruce, grown sustainably right here in Britain. By blending these **locally sourced materials** with a carefully formulated plant-based resin, we achieved an extraordinary breakthrough—a **soil biodegradable** tree guard with an average useful life of 5 years that also biodegrades in rivers and oceans.

Choosing British-grown wood goes beyond supporting our forestry industry and creating new revenue streams. It allows us to showcase the incredible value-added products we can produce from our renewable resources while helping foresters demonstrate their commitment to responsible forestry practices by **using FSC materials**. Plus, let's not forget the marvellous benefits of decaying wood. It plays a crucial role in **nurturing forest health** and maintaining the delicate balance of nature. We believe that every component has its place in the ecosystem, and we wholeheartedly endorse the preservation of dead wood as a vital part of the natural cycle.

When you partner with Rainbow, **you become part of a movement dedicated to sustainable forestry**. Our friendly and knowledgeable team is here to guide you every step of the way, ensuring that your landscape thrives whilst treading lightly on the planet. Let's embark on this transformative journey together, creating vibrant and eco-friendly landscapes that will flourish for generations to come. Together, we can make a positive difference for our planet—one forest at a time.

Did you know? Facts about dead wood



Breaks down into nutrients such as nitrogen, carbon, potassium, and phosphorus in the soil helping plants grow and keeping living ones healthy as nutrients are reabsorbed (soil nutrient recycling)



Provide food for wildlife both plants and animals, such as mushrooms and insects



Help improve stability of the woodland soil



Celebrating 60 years



25 years of 100% recycled products



5 years of 100% Bio products



50 million kg carbon avoided through recycling



Our Green Credentials

For over 25 years, Rainbow has manufactured tree guards and other tree care products **using 100% recycled materials** in its recycling centre in East Yorkshire, England. By doing this, an estimated **50 million kgs of carbon has been avoided** by not using new, virgin plastics.

After a plastic shelters useful life, they are ready for removal.

Unfortunately, it is often not possible to remove all shelters from sites and residues could litter the environment. To tackle this challenge, over the last decade Rainbow has successfully launched and developed plant based and biodegradable alternatives. The Rainbow Terra is the latest addition to its bio range and the most scientifically innovative



Made from plants



Biodegradable in soil



ISO certified



Carbon neutral by 2025

product launched into the market to date. It is designed and built to the highest standards in 5 key areas: **biodegradability, resources, performance, circularity, and carbon impact.** Unfortunately, greenwashing is still quite prevalent, each of the claims we make have been independently certified, **sticking to existing authorized certification schemes:** a true clean conscience terra shelter. Use it. Leave it.



The pillars of the Rainbow Terra

- **Renewable:** No use of finite fossil based resources, but 100% plant made from plants and trees with grown in Britain chain of custody.
- **Circular:** Wood protects Woods – the Tree shelter is made from British FSC and/or PEFC grown trees and uses waste residues woodchips supporting the industry.
- **Carbon neutral:** Committed to making fully carbon neutral tree shelters by 2025
- **Biodegradable:** in any end of life environment - soil, water and oceans. The world's only independently certified soil biodegradable tree shelter. Use it. Leave it.
- **Performance:** Average lifespan of 5 years and best in class light transmission



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Product Range

Tree Shelter Size	Diameter	Number of cable ties	Box Quantity
60 cm	75 - 100 mm	1	96
120 cm	75 - 100 mm	2	48
150 cm (upon request)	83 - 108 mm	2	-
75 cm (upon request)	75 - 100 mm	1	-

Shrub Shelters - upon request

Nest size:

4 pieces per nest

Packaging type:

Boxes for all sizes

New innovative Safe Edge minimizes Stem abrasion

The strong single wall ensures products longevity

Multiple pre-fitted cable tie options

Best-in-class light transmission ensures healthy tree growth

Natural look & feel, with 100% wood cover, ensuring it blends with in its natural habitat

No laserline, the product breaks down by itself (*wall thickness will naturally reduce over time*)



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