

# Case Study

## Cellweb® TRP & Treetex

Jeskyns Community Woodland, Henhurst Rd, Cobham DA



### Location:

Jeskyns Community Woodland,  
Henhurst Rd  
Cobham  
DA12 3AN



### Contractor:

Hugh Pearl (Land Drainage) Ltd

### Consultant/Engineer:

Forestry Commission England

### Installer:

Hugh Pearl (Land Drainage) Ltd

**The Forestry Commission England needed to construct a new car park at Jeskyns Community Woodland as well as undertaking repairs to the existing car park to provide adequate parking for a growing number of visitors. The vacant area that they wanted to use for the new car parking area had poor ground conditions. Due to this, they needed a solution to be free draining and reinforce the existing ground while protecting the surrounding trees.**

We put forward our Cellweb® Tree Root Protection System. Cellweb® TRP is a cellular confinement system specifically designed for tree root protection. The system creates a stable, load bearing surface for traffic or footfall whilst eliminating damage to roots through compaction and desiccation.

The Cellweb® TRP system comprises of the three parts the Cellweb® TRP, Treetex pollution control geotextile and the clean angular stone infill material.

The use of Geosynthetic Ltd Treetex™ pollution control geotextile allows for drainage and separation whilst preventing contaminants from reaching the roots.

The walls of the cells are perforated and when combined with an infill of clean angular stone, this enables free movement of water and oxygen ensuring that supplies to the tree roots are maintained.

This solution provided a load bearing solution for the subbase that would work with the poor ground conditions and be free draining. The Cellweb® also comes with a free guarantee, this covers the replacement of the dead tree(s) up to a value of £10,000 per tree and the replacement of the Cellweb® TRP system which has failed up to the value of £50,000.

We were on hand to give technical advice after supplying the Cellweb® on the installation and the final surface used.



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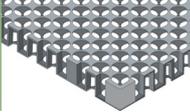
**2 in 1**  
Landscaping Fabric



**Gas Membrane**  
Radon, CO2, Methane,  
Hydrocarbon Control



**RoofCell**  
Sub Surface Drainage  
And Water Storage



**Alert®**  
Contamination Indicator



**Geoglas®**  
Asphalt Reinforcement



**Stratagrid**  
Soil Reinforcement Geogrid



**AquaBlock®**  
Water Containment Liners



**Geomembrane**  
Impermeable Membrane



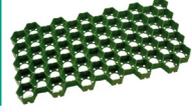
**Strataweb**  
Slope Stabilisation



**Bentotex® GCL**  
Geosynthetic Clay Liner



**Golpla**  
Grass & Gravel Paving System



**T-Block**  
Modular Retaining System



**Cellweb® TRP**  
Tree Root Protection



**Golpla Pregrown**  
Ready To Lay Paving System



**Telegrid**  
Woven Polyester Geogrid



**DuoDrain®**  
Composite Drainage Product



**Interlock**  
Extruded HDPE Geogrids



**Televev**  
High Strength  
Woven Geotextile



**Erosion Control**  
Comprehensive Range



**Knotblock®**  
Japanese Knotweed Barrier



**Tenax**  
Soil Reinforcement Solutions



**Ekotex®**  
Non Woven Geotextile



**Landlok**  
Turf Reinforcement Mat



**Total Traffic Exopave**  
Heavy Duty Paver



**Fiberforce®**  
Equestrian Geotextile



**Nicospan**  
Erosion Control



**Trinter**  
Erosion Control Mat



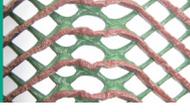
**Fibertex**  
Non Woven Geotextile



**Rhyno®**  
Woven Geotextile



**Turfmesh**  
Grass Reinforcement



**Flexitex**  
Textile Shuttering



**RockBox**  
Gabion Mattresses



**RootBlock**  
Root Barrier

