



Case

STUDY

CELLWEB® & TREETEX

Jeskyns Community Woodland
Car Park



MARKET SECTOR:

Commercial



LOCATION:

Jeskyns Community Woodland,
Henhurst Rd, Cobham, DA12 3AN



CONTRACTOR:

Hugh Pearl (Land Drainage) Ltd



CONSULTANT:

Forestry Commission England



INSTALLER:

Hugh Pearl (Land Drainage) Ltd

The

BACKGROUND

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.

Our Client's

REQUIREMENTS

A sustainable solution for a reinforced car park

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.



Our Value Engineered **SOLUTION**

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 Geosynthetics 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.

