

O'BRIEN CONTRACTORS ASTON VILLA F.C. TRAINING GROUND

AVFC
BODYMOOR HEATH
TRAINING GROUND

THE CONTRACTOR

O'Brien Contractors is a Midlands-based civil engineering and sports infrastructure specialist. At Bodymoor Heath it acted as principal contractor, delivering earthworks, drainage, access routes, parking and new Academy facilities within a £14m redevelopment programme.

PROJECT OVERVIEW

HS2 Phase One required Aston Villa to relocate part of its Academy facilities at Bodymoor Heath. The wider scheme created nine natural pitches, one 3G pitch and associated infrastructure. CORE supplied 1,200 m² of tree-root-protection system through Keyline for areas requiring a no-dig, load-distributing build-up.

TOTAL AREA: 1,200M²

KEY REQUIREMENTS

The project needed to protect retained trees while forming reliable access and circulation areas across a live elite-sports site. The build-up had to minimise excavation, spread repeated loads, remain permeable and install efficiently across 1,200 m² without compromising the ground below.

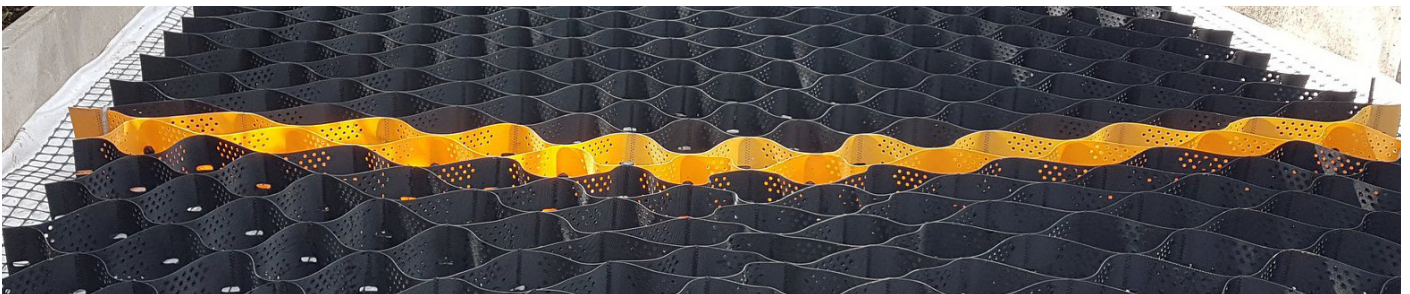
PRODUCT

CORE TRP is a no-dig ground-reinforcement system for works within Root Protection Areas. Its cellular panels confine free-draining aggregate, spread surface loads and help maintain water and oxygen movement through the root zone.



Installed above existing ground, CORE TRP creates a stable sub-base without conventional excavation around retained trees.





SOLUTION

CORE TRP panels were installed as a continuous load-distribution layer within the Academy redevelopment. The cellular structure confined the selected infill and spread point loads across a wider area, reducing the risk of localised soil compaction. This provided a robust, no-dig base for the finished access surface while preserving the root zone beneath.



PERMEABLE BUILD-UP



Free-draining infill lets air and water continue moving through the root zone.

STABLE ACCESS



The cellular system confines aggregate and spreads concentrated surface loads.

NO-DIG INSTALLATION



Built above existing ground to minimise excavation around retained trees.

CORE TRP

1,200
M²

SUPPLIED

WIDER SCHEME

9 + 1
PITCHES

9 NATURAL + 1 3G



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