

DAVID ARCHER

ASSOCIATES

ARBORICULTURE | ECOLOGY | LANDSCAPE

Project:

Escotts Lawn Tennis Club
East Court
East Grinstead

Client:

East Grinstead Town Council

Drawing:

TREE PROTECTION PLAN

Based on:

Ordnance Survey Plan

Drawing No:

TPP 01

Rev:

Date:

Mar 2025

Scale:

1:250 @ A3

Drawn:

MR

Tree nos.:

● 1

RPA:

○

Ground protection:

Supervised excavation:

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No.	Con. Area	Species	Height	Trunk Dia.	Radial Crown Spread	Life Stage	Physi-ology	Structure	RPA
1	CA	English Oak	13m	590mm	N7.5m E5.7m S7.3m W7m	Mature	Good	Good	7.08m

GROUND PROTECTION

To be installed prior to any excavation works.
A single thickness of scaffold boards placed on top of a 100mm layer woodchip.

MANUAL EXCAVATION

Where indicated on the plan, excavations associated with the installation of the green-tech root barrier shall be excavated using hand tools only.
The trench will run from the existing wall at the NW corner of the tennis courts and be no less than 10m in length. The width of the trench shall be no more than 500mm and be as close to the existing tennis court fence as is practical (i.e. fence post foundations will not be impacted upon).
Excavated soil will be temporarily stored on the ground protection scaffold boards. Any roots exposed, shall be severed to the face of the excavation closest to the trunk of the Oak tree, using secateurs or a sharp handsaw.
Once the green-tech root barrier has been installed as per the green-tech installation guide, the excavated soil will be used to backfill the trench where it will then be gently compacted in max. 250mm deep layers by a single pass of the contractor walking along the trench.



gtRootbarrier 360

gtRootbarrier 360 is similar to Rootbarrier 325 except it is coated on both sides. This makes Rootbarrier 360 even sturdier as well as being a barrier from either side. Consider how handy it would be to keep the roots of two trees or shrubs from growing together. This would make it simpler to remove one or both plants from the soil at a later stage. Available in 50m rolls & cut pieces.

Sizes:

Width	65cm	100cm	200cm
Roll Length	50m	50m	50m
M ² /roll	32.5m ²	50m ²	100m ²
Weight per roll	12kg	18kg	36kg



Technical Data:

Weight	360 g/m ²	EN-ISO 9864
Thickness @ 2kPa	0.71mm	DIN-ISO-9863-1
Puncture Resistance	3482 N	DIN-ISO-12236
Tensile Strength MD	25.70 kN/m	DIN-ISO-10319
Tensile Strength CMD	26.60 kN/m	DIN-ISO-10319
Tensile Strain at Max load MD	63.1 %	DIN-ISO-10319
Tensile Strain at max load CMD	43.6 %	DIN-ISO-10319
Tearing Strength MD	498.0 N	ASTM D 4533-1996
Tearing Strength CMD	533.8N	ASTM D 4533-1996

The data are average values and indicative, based on the test report Nr.. 1.1/25524/0198.0.1-2010 of Institut für Textile Bau und Umwelttechnik GmbH (tBU), Greven, Germany

Green-tech endeavour to ensure that the information given on this technical data sheet is accurate, but accept no liability for its use or its suitability for particular application.

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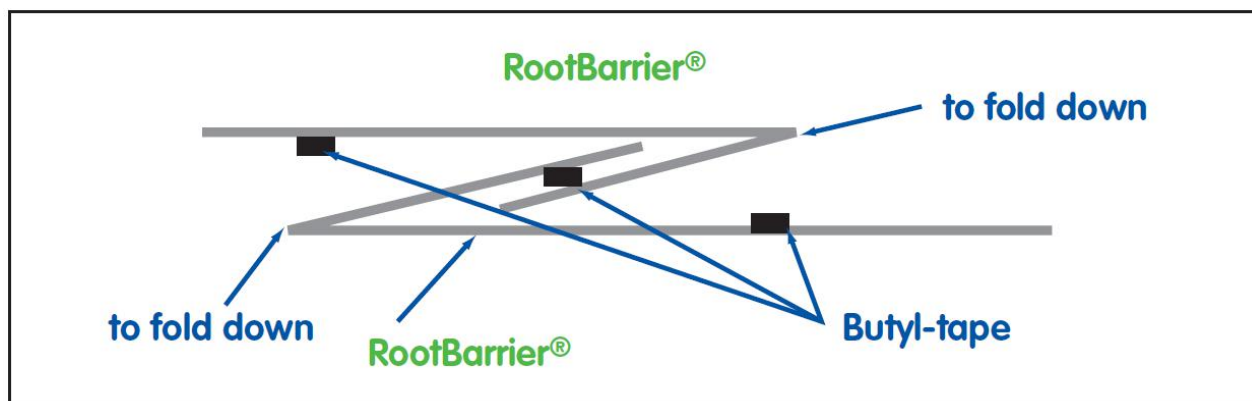
gtRootbarrier Installation Guide

Installation Steps:

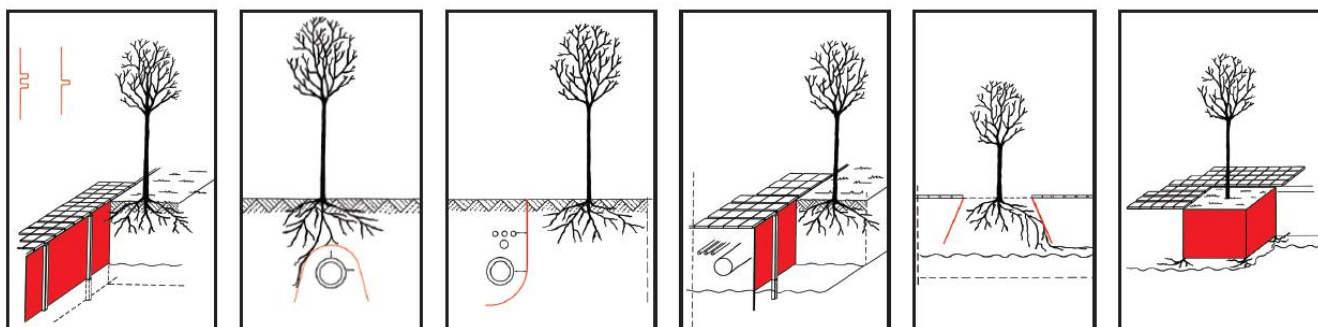
1. Dig a trench or tree hole
2. Roll out gtRootbarrier beside the trench or the tree hole and cut to the right length.
3. For trench planting over 50m in length, use a 1m overlap and butyl joining tape to secure 2 sheets of gtRootbarrier.
4. For planting around tree, shrubs or plants utilise a 50cm overlap and butyl joining tape to secure 2 sheets of gtRootbarrier.
5. Place gtRootbarrier with its smooth, coated side towards the roots of the tree.
6. Check overlaps, joins and position of gtRootbarrier
7. Fill in the trench or tree hole.

These are general instructions. The installer will have to make allowances for local conditions.

Rootbarrier Joining Guide:



Rootbarrier® Applications:



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