



RER2000

Linear root management

Includes:

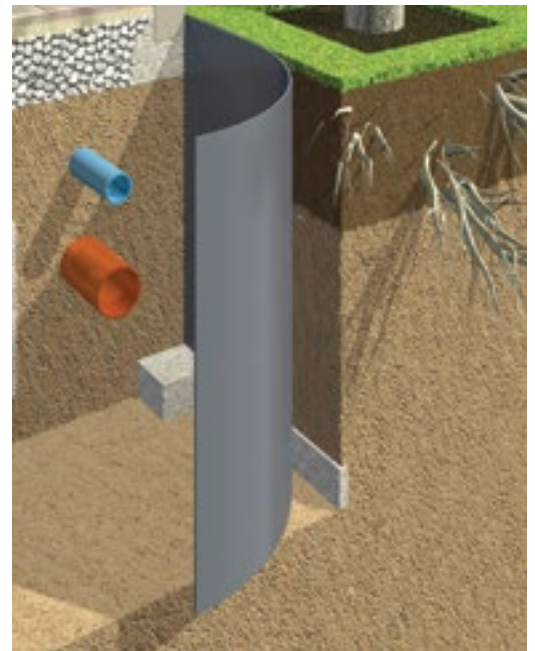
- Product information sheets
- Technical data sheet

ReRoot 2000

DEEP APPLICATION ROOT BARRIER

ReRoot 2000 is a high strength root barrier for deeper applications. This product has been used extensively on many projects around the UK, particularly in new service infrastructure projects, business parks and housing developments.

ReRoot 2000 is rigid enough to hold its form when placed into a trench. This is a big advantage as it will not be dragged downward during backfilling. Market leading puncture resistance and strength, mean that this is the root barrier of choice for specifiers and utility companies requiring root free service corridors.



BENEFITS

- Resistant to puncture by sharp objects or tearing as a result of soil movement.
- Durable, resistant to biodegradation and photodegradation.
- Easy to install, no specialist equipment needed.
- Available in standard 0.3m, 0.6m, 1.0m, 1.5m and 2.0m depth rolls, up to 6 metre deep rolls to special order.
- Supplied in roll form and cut to order in 10m increments to minimise waste.
- Effective in the control of Japanese Knotweed and other invasive plants.
- Manufactured from 100% recycled material.

Important - Please read these instructions fully before starting assembly
For further help telephone our technical helpline on 01424 433233

ReRoot 2000

DEEP APPLICATION ROOT BARRIER



ReRoot 2000 can be used to keep tree roots from damaging services and paved areas



ReRoot 2000 installed to protect hard surfaces at Granton, Edinburgh



ReRoot 2000 will hold its form in a trench excavation. This makes installation quick and easy. Also visible is land drain to remove groundwater pressure



ReRoot 2000 has been installed prior to topsoiling in this infrastructure project

Typical Installation Specification

Install ReRoot 2000 (including relevant product code) linear root barrier as follows:

Excavate narrow trench between the tree and the structure to be protected. Please note: the positioning of the trench will depend on tree species and other site conditions. Please consult a qualified arboriculturist.

The barrier should be positioned in the trench against the side of the trench nearest the tree. Any sharp objects should be removed from the trench walls and the backfill material.

ReRoot 2000 roll ends can be joined by overlapping at least 500mm and securing both sides with GreenBlue Urban root barrier jointing tape. For critical applications the material can be seam welded.

Ensure that the top of the barrier finishes at least 10mm above finished soil levels tree side, to avoid subsequent root overgrowth. The barrier can be trimmed using a sharp knife. Backfill the trench in layers, compacting carefully.

It may be desirable, depending on site conditions, to encapsulate the top edge of the barrier in concrete haunching to protect the barrier and to finish the installation tidily.

ReRoot 2000 (1mm thick)

High strength root barrier

TYPE

Flat

CODE

RER210

SIZE

Thickness: 1mm

Width: RER210X0.3A 300mm

RER210X0.6A 600mm

RER210X1.0A 1000mm

RER210X1.5A 1500mm

ROLL SIZE

100LM

MATERIAL

Recycled HDPE

FINISH

Natural

COLOUR

Black

WEIGHT

1.0kg per m²

MATERIAL CHARACTERISTICS

PROPERTIES	ISO	VALUE
PHYSICAL		
Density	g/cc	0.97
Shrinkage	%	2.5 – 3.0
Melt Flow (190°C/5kg)	g/10min	< 0.8
MECHANICAL		
Izod Impact, notched,	kJ/m ²	> 13
		> 10
Stress at yield	MPa	23-26
Stress at break	MPa	28-30
Strain at break	%	> 600
Flexular Modulus	MPa	950 – 1100
Shore D hardness		60-63
THERMAL		
VST@10N (VST/A)	%	115-130
HDT@0.45MPa (HDT/B)	°C	73-80

ReRoot 2000 (2mm thick)

High strength root barrier

TYPE

Flat

CODE

RER220

SIZE

Thickness: 2mm

Width: RER220X1.0A 1000mm

RER220X1.5A 1500mm

RER220X2.0A 2000mm

ROLL SIZE

100LM

MATERIAL

Recycled HDPE

FINISH

Natural

COLOUR

Black

WEIGHT

2.0kg per m²

MATERIAL CHARACTERISTICS

PROPERTIES	ISO	VALUE
PHYSICAL		
Density	g/cc	0.97
Shrinkage	%	2.5 – 3.0
Melt Flow (190°C/5kg)	g/10min	< 0.8
MECHANICAL		
Izod Impact, notched,	kJ/m ²	> 13
		> 10
Stress at yield	MPa	23-26
Stress at break	MPa	28-30
Strain at break	%	> 600
Flexular Modulus	MPa	950 – 1100
Shore D hardness		60-63
THERMAL		
VST@10N (VST/A)	%	115-130
HDT@0.45MPa (HDT/B)	°C	73-80