



ReRoot 300, ReRoot 600 and ReRoot 1000 products (Patent 2311309) are ribbed root barriers designed for the protection of paved surfaces, shallow service ducts and utilities.

### Overview

This versatile root management system can be used to surround individual or groups of trees because the ribs are proven to divert lateral root growth downwards which has many benefits.

Many local authorities now state in their planning policy that trees planted in soft areas within 3m of a paved/hard surface, that will be adopted by the council, must be lined with a root barrier.

### Features

Available in 300mm, 600mm and 1000mm depths  
Supplied in roll form and cut to order in 10m increments to minimise waste  
100% recycled HDPE is resistant to puncture, biodegradation, and photodegradation  
ReRoot jointing tape allows root-proof joints  
Full depth rib - the rib extends to the full depth of the root barrier

### Benefits

Prevents 'root girdling' - a fatal rooting pattern  
Deeper root growth improves drought tolerance and tree stability  
Guides roots away from areas vulnerable to de-icing salts  
Prevents pavement 'root heave' effectively eliminating trip hazards  
Ease of installation in virtually all situations with no specialist equipment required  
Roll form provide flexibility to work around obstacles while being rigid enough to hold it's form when backfilling

		Code	Depth	Roll length	
Product codes		RER300A	300mm	30mtr	
		RER600A	600mm	30mtr	
		RER1000A	1000mm	30mtr	
Rib profile	Width: 13mm Depth: Full depth - rib extends to the full depth of the root barrier Distance between ribs: approx 300mm				
Material	100% recycled extruded polypropylene 1mm thick				
Lifespan	In excess of 50 years				
Material performance characteristics	Test	Standard		Mean	Std Dev
	Static Puncture CBR	BS EN ISO 12236:2006(2016)	Force (kN)	3.10	0.46
			Displacement (mm)	94	21
	Melt Flow Index	BS EN ISO 1133-1:2011(2016) 190c, 2.16KG	g/10min	0.12	-
	Tear Resistance	BS ISO 34-1:2015 Trouser Tear Method A			
		Machine Direction	F, N	140.8	7.8
			d, mm	1.07	0.02
			T <sub>s</sub> kN/m	131.5	5.8
		Cross Machine Direction	F, N	136.5	3.8
			d, mm	1.06	0.06
			T <sub>s</sub> kN/m	128.7	4.8
Permeability: ReRoot is completely impervious to water Chemical resistance: HDPE is resistant to most bacerial and chemical degradation					
Accessories	RERJTA - ReRoot jointing tape for root-proof joints				
Maintenance	No maintenance required				