



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
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	<p>Width: 13mm</p> <p>Depth: Full depth - rib extends to the full depth of the root barrier</p> <p>Distance between ribs: approx 300mm</p>
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Material	100% recycled extruded polypropylene 1mm thick
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Lifespan	In excess of 50 years
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	Test	Standard			
				Mean	Std Dev
Material performance characteristics	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 _s kN/m	131.5	5.8
			Cross Machine Direction		
			F, N	136.5	3.8
			d, mm	1.06	0.06
		T _s kN/m	128.7	4.8	

Permeability: ReRoot is completely impervious to water

Chemical resistance: HDPE is resistant to most bacterial and chemical degradation

Accessories	RERJTA - ReRoot jointing tape for root-proof joints
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Maintenance	No maintenance required
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