

RootSafe™

Flat Root Barrier



ReRoot 2000/RootStop 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. Useable vertically, horizontally, around sharp corners, curves and landscape edges, it is one of the most highly adaptable solutions available.

Overview

ReRoot 2000/RootStop 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.

The high puncture resistance of ReRoot 2000/RootStop allows easier compaction close to the barrier ensuring an excellent product/soil interface.

Features

- Available in 300mm, 600mm and 1000mm depths
- Available in 1mm or 2mm thicknesses
- Supplied in roll form and cut to order in 10m increments to minimise waste
- 100% recycled HDPE is impervious to moisture and root penetration
- Resistant to puncture, biodegradation, photodegradation, bacteria and most chemicals
- ReRoot jointing tape allows root-proof joints
- Can be fully recycled at end of life

Benefits

- Effective in the control of Japanese Knotweed and other invasive plants
- Fulfills all Arboricultural Advisory and Information Service guidelines for root barriers
- 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

Product codes	Code	Thickness	Depth	Roll length	Pallet Qty
	RER210X0.6A	1mm	600mm	100mtr	12 rolls
	RER210X1.0A	1mm	1000mm	100mtr	10 rolls
	RER210X1.5A	1mm	1500mm	100mtr	6 rolls
	RER220X1.0A	2mm	1000mm	100mtr	10 rolls
	RER220X1.5A	2mm	1500mm	100mtr	6 rolls
	RER220X1.0A	2mm	2000mm	50mtr	6 rolls (wide pallet)
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 _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 moisture and root penetration					
Durability: HDPE is resistant to puncture, biodegradation, photodegradation, bacteria and most chemicals					
Accessories	RERJTA - ReRoot jointing tape for root-proof joints				
Maintenance	No maintenance required				