

ReRoot Flat

Flat Root Barrier



ReRoot Flat 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 Flat 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 Flat 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

	Code	Thickness	Depth	Roll length	Pallet Qty
Product codes	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
	RER220X2.0A	2mm	2000mm	50mtr	6 rolls (wide pallet)

Material 100% recycled extruded polypropylene 1mm thick

Lifespan In excess of 50 years

	Test	Standard	Material performance characteristics			
				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 Trousar Tear Method A	<i>Machine Direction</i>			
			F, N d,	140.8	7.8	
			mm	1.07	0.02	
			Ts kN/m	131.5	5.8	
			<i>Cross Machine Direction</i>			
			F, N d,	136.5	3.8	
	mm	1.06	0.06			
Ts 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