

Sub-soil Drainage Solutions

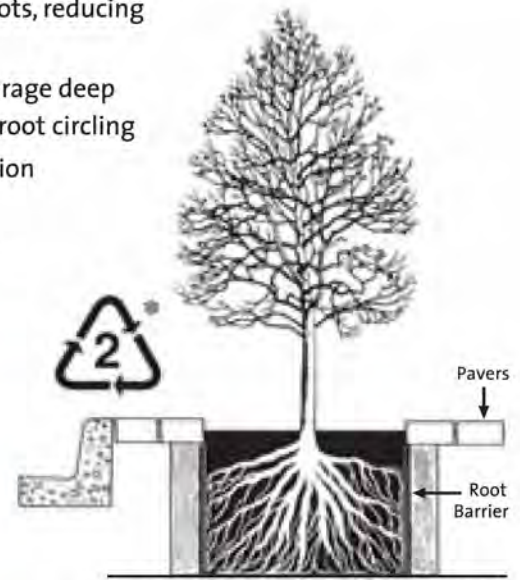
Root Barrier

Migration and spreading of plant roots can cause costly damage to pavements, roads, building foundations and buried installations. Root Barrier can save property owners hundreds of thousands of dollars annually in expensive repair bills from intrusive roots.

Made of polyethylene, Root Barrier is lightweight, flexible, yet extremely durable and resistant to UV, chemicals and fungus.

Available in 600, 900 or 1200mm wide

- Light weight and easy to install with a narrow width excavator
- Provides a barrier against shallow roots, reducing uplifting of sidewalks, etc
- Redirects roots downwards, to encourage deep rooting to anchor trees and to avoid root circling
- Dimple product profile for extra friction generated by affected roots
- Cost effective compared to concrete



* Product manufactured using RECYCLED High Density Polyethylene

Application

Description

Benefits

Product Specifications

Physical Properties

Material	High Density polyethylene
Core Profile	Raised cusps both sides (square shape)
Mass	750gsm (nominal)
Core Thickness (mm)	3
Roll Widths	600mm, 900mm, 1200mm
Roll Length	30m

Mechanical Properties (typical values)

Tensile Strength (ASTM D412)	19 kN/m MD (nominal) 19 kN/m TD (nominal)
Burst Strength (CBR AS3706.4)	1100 N

Bonding Methods (typical values)

Bonding Methods (typical values)	Bonding Strengths (nominal)
* 50mm Double sided Butyl Tape	Tensile Strength 4 kN/m
* 50mm Silver backed Butyl Tape	Tensile Strength 5 kN/m
* Heat Weld (25mm overlap)	Tensile Strength 25 kN/m

* Mode of failure:

- shear failure for Butyl Tapes
- tensile failure for Heat Weld bond

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Stripdrain™, Stripdrain XS™, Cordrain™, Plazadeck™ Drain and Root Barrier are all manufactured to ISO 9001:2008.

For further information about these Drainage products, please contact:

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Stripdrain™, Stripdrain XS™, Cordrain™ and Plazadeck™ Drain are all trade marks belonging to Geofabrics Australasia Pty Ltd.



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