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# ROOT BARRIER

● How to save roads and buildings from tree and plant root damage.



# Nylex ROOT BARRIER.

## Super light and super effective.



Migration of tree and plant roots can cause costly damage to foundations of roadways, pavements and buildings.

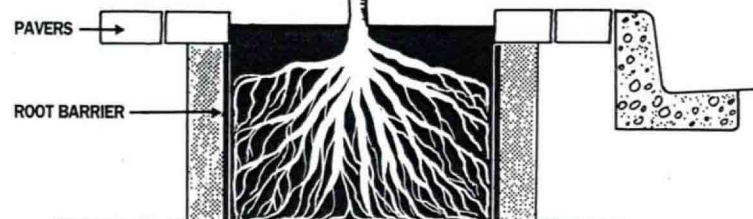
You can stop the roots with a wall of concrete, but that's unwieldy and expensive.

The best answer to the problem is Nylex **Root Barrier**.

It's light, easy to install with a narrow-width excavator, yet provides an effective barrier against roots – and burrowing animals.

The dimpled product profile gives extra frictional resistance against possible upward thrust generated by deflected roots.

Nylex **Root Barrier** is available in widths of 600, 900 and 1200mm.



\*Product manufactured using *RECYCLED* High Density Polyethylene

### Product Specification

#### Physical Properties

Material	High Density Polyethylene	Roll Widths	600, 900, 1200mm
Mass	750gm/m <sup>2</sup> (Nominal)	Roll Length	30m
Thickness	0.7mm (Nominal)		

#### Mechanical Properties (Typical Values)

Tensile Strength (ASTM D412)	MD 19 kN/m (Nominal) TD 19 kN/m (Nominal)
Burst Strength (CBR-AS3706.4)	11.00N

#### Bonding Methods (Typical Values)

	Bond Strengths
* 50mm Double Sided Butyl Tape	Tensile Strength 4.0 kN/m (Nominal)
* 50mm Silver Backed Butyl Tape	Tensile Strength 5 kN/m (Nominal)
* Heat Weld (25mm Overlap)	Tensile Strength 25 kN/m (Nominal)

Note: \* Mode of Failure – Shear failure for butyl tapes  
– Tensile failure for Heat Weld bond



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