

# Lambert® Root Barrier

## Description:

Lambert Root Barrier is a super effective solution for the problem of migration of tree and plant roots which can cause damage to foundations of roadways, pavements and buildings. Lambert Root Barrier is used to create a root free zone to protect underground utilities against root growth.

## Advantage

Lambert Root Barrier provides an effective barrier against roots and burrowing animals. It also gives extra frictional resistance against possible upward thrust generated by deflected roots.

## Uses

- ✧ Civil works
- ✧ Back of kerbs
- ✧ Bio swales
- ✧ Protecting infrastructure

## Application

It is light, easy to install with a narrow-width excavator. Method of placement is to trench down to a naturally occurring horizontal zone which is root proof, place the root barrier in one continuous piece into the trench with the root barrier top finishing above the ground.

## Product Specification

<b>Physical Properties</b>	
Material	High Density Polyethylene
Mass	750gm/m <sup>2</sup> (Nominal)
Thickness	0.7mm (Nominal)
Roll Width	1200mm
Roll Length	30m
<b>Mechanical Properties (Typical Values)</b>	
Tensile Strength (ASTM D412)	MD 19 kN/m (Nominal) TD 19 kN/m (Nominal)
Burst Strength (CBR-AS3706.4)	1100 N
<b>Bonding Methods (Typical Values)</b>	
* 50mm Double Sided Butyl Tape	Bond Strengths Tensile Strength 4 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	

## Notes

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