



GLOBAL SYNTHETICS ROOT BARRIER

DESCRIPTION

Global Synthetics Root Barrier is a rigid plastic sheet made from high density polyethylene (HDPE). The Root Barrier is placed vertically, into a trench of varying depth, to suit the depth of product selected, that will provide a barrier that mitigates penetration by potentially damaging tree roots. The trench is backfilled upon placement of the product.

The Root Barrier should be installed adjacent to building footings or directly under the “drip line” of the tree to ensure that roots cannot propagate and potentially damage hard-scapes such as concrete and paved pathways. Root Barrier is available in depths of 600mm, 900mm and 1200mm.

APPLICATION

Applications include:

- around individual trees to limit root growth.
- adjacent to structure footings to mitigate root damage.
- adjacent to paths and driveways to limit potential cracking issues.
- around golf course greens and garden beds to contain root penetration.

TYPICAL PROPERTIES

| PROPERTY | TEST METHOD | UNIT | TYPICAL VALUE |
|----------------------|--------------|------|----------------|
| Thickness | ASTM D1777 | mm | 1 |
| Roll Width | Manufacturer | mm | 600, 900, 1200 |
| Roll Length | Manufacturer | m | 30 |
| Material Composition | Manufacturer | – | HDPE |

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