

Vercan Root Barrier

Vercan Root Barrier: A textured high density polyethylene specially designed to confine tree roots. Easy to install by using a narrow width excavator or spade and flexible enough to form any contour, Vercan Root Barrier is the simple long term solution to prevent cracked paths, roads, pipes and damage to other utilities. Made from recycled HDPE, black 1mm thickness.

Vercan Root Barrier works by deflecting roots. Roots generally will follow the path of least resistance. Most trees will not send roots below 1m depth. The length of the barrier should be between 1m and 2m outside of the drip line of the tree. A trench should be dug to the required depth. Leave the top of the barrier to just below mower height. Backfill.

Vercan Root Barrier is made in Australia and complies with Australian Standard AST D5199/1505. Vercan can be supplied in thicknesses from 1mm to 3mm.

In combination with root barrier some councils specify sodium bentonite be placed at the base of the trench. Contact us for pricing.

| PROPERTY | TEST METHOD | UNITS | VALUE |
|----------------------------|---------------------|---------|---------------------|
| Density | ASTM D 1505/ D 2839 | g/cm3 | 0.945 |
| Tensile Strength | ASTM D 638 | MPa | 27 |
| Elongation at Break | ASTM D 638 | % | >600 |
| Flexural Modulus | ASTM D 790 | MPa | 990 |
| Izod Impact Strength (30C) | ASTM D 256 A | J/m | 250 |
| Durometer Hardness | ASTM D 2240 | Shore D | 63 |
| ESCR-100% | ASTM D 1693 | Hours | >1000 |
| Thickness | | mm | 1 |
| Carbon Black | ASTM D 1603 | % | 2 |
| Roll Widths | | mm | 300, 600, 900, 1200 |

All values are typical.

WARRANTY

When professionally installed and providing the product is out of direct contact with sunlight, the product is not damaged during or prior to installation (including creasing and bending)

Vercan root barrier has the following warranty against root penetration:

1mm, 2mm: 15 years

3mm: 25 years



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