



THE RESITECH GROUP

Shed 20A/17 River Road REDBANK QLD 4301 PO BOX 3116 BIRKDALE QLD 4159
Phone: 07 3822 8233 Fax: 07 3207 5971 Email: info@theresitechgroup.com

Specialists in Plastics Recycling & Plastic Sheet Extrusion Products

INSTALLATIONS RECOMMENDATIONS FOR ROOT BARRIER

1 - TREE WELLBEING:

As our main concern is the wellbeing of the tree, we recommend working in from the outer edge of the tree halo line (as per below) to avoid damage to the tree root system. The closer to the trunk you place the barrier the higher the chance for damage to the root system. No closer than 1-2 metres of the distance from the canopy line (the edge of leaves) area is considered safe for the tree. If you need to go closer seek professional advice to ensure the wellbeing of the trees root system is not compromised.

2 - BARRIER INSTALL:

- a) Dig a trench to the required depth, place root barrier into the trench leaving approx 50mm above the ground height to allow for settlement of the fill and avoid root penetration above the barrier.
- b) At the base of the trench apply a layer of sodium bentonite or other growth inhibitor approx 60mm - 120mm deep to seal the bottom of the root barrier to the base soil.
- c) Back fill the trench to secure the root barrier and stabilise the ground.
- d) Barrier should be trimmed to just below the lawn mower height but still remain above ground or to the top of the kerb after the turf has been laid. If required a rounded top piece is available which is placed on top of the raised root barrier which is unable to be removed from the barrier and is aesthetic to the eye at the completion of the installation as a garden edge.

3 - SEAL:

Sodium Bentonite is a root growth inhibitor used to seal the bottom of the trench and to bind the bottom of the root barrier to the compacted soil. The root barrier should be placed to on top of the soil to ensure that no root growth can constrict the root barrier action.

4 - LENGTH:

The length should be sufficient to stop the growth of the roots around the edge of the barrier this would normally be 1-4m from the tree truck depending on the size of the tree.





THE RESITECH GROUP

Shed 20A/17 River Road REDBANK QLD 4301 PO BOX 3116 BIRKDALE QLD 4159
Phone: 07 3822 8233 Fax: 07 3207 5971 Email: info@theresitechgroup.com

Specialists in Plastics Recycling & Plastic Sheet Extrusion Products

5 - COMPLETION:

Once the barrier has been installed, it can be trimmed to just below the lawn mower height but still be above ground as the barrier needs to be exposed on the completion of the job. A top cap is now available for the barrier to complete the job off and the installed root barrier is now viewing as a garden edge piece whilst still working underground doing the job required. The property owner is happy, the tree is happy and the council is happy that no further trees have been removed.



dry-mate
Polyethylene Dampcourse
AUSTRALIAN MADE - Conforms to AS 3204 - 1995

Easy to install, cut to shape and cost effective
dry-root
UV Stabilised high-density polyethylene