

POINTS TO PONDER

July 2017 EDITION

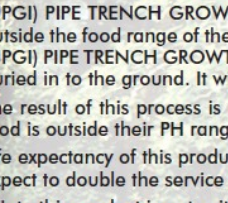
WOW!!!!!!

ROOT PROOF TRENCH SAND

Welcome to our points to ponder for July 2017, Root Barrier has continued development of product and process, latest uptake has been by Queensland Urban Utilities who have accepted UPGI Under Path Growth Inhibitor as suitable to protect underground services. "Natural Root Barrier" product has no manufactured chemicals in it and meets the EPA requirements for placing product in to the ground. This product works well, we are

very pleased with the uptake of these products. Please pass this newsletter to your engineering section. Any questions please call me.
Regards Alan Coulton 0428 980 383

NEW



(UPGI) PIPE TRENCH GROWTH INHIBITOR

(patent pending)

A simple measure that will inhibit roots growing in trenches around pipes.

HOW IT WORKS

The process of installing services into a sand filled trench creates a perfect growing environment for tree roots. The trench becomes a moist aerated zone which tree roots love to feed in. The trench becomes almost a highway for tree roots which will follow it along for many metres. Any leaking pipes and the roots will get into the pipe without delay.

(UPGI) PIPE TRENCH GROWTH INHIBITOR creates a PH zone in the sand around the pipe outside the food range of the plant. This is stabilized so that the treatment will not leach away. (UPGI) PIPE TRENCH GROWTH INHIBITOR holds water like a sponge and will only work when buried in to the ground. It will not work when exposed to the air.

The result of this process is roots will not continue to grow and develop in the trench if the food is outside their PH range.

Life expectancy of this product will vary with environmental conditions, as a guide you would expect to double the service life by reducing root growth in the area around the service.

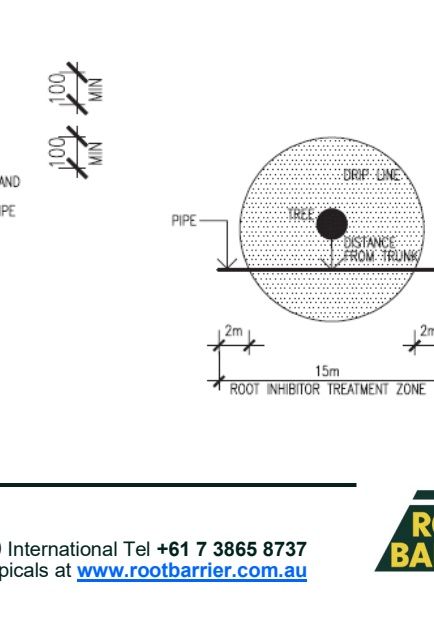
*Note this product is not suitable in very wet situations.

This product is **100% natural** with no manufactured chemicals and the same salinity as sea water. The product is stabilized to prevent active components from leaching away. DPI tested, certifying the product meets EPA guidelines protecting local environment. Not dangerous to handle in normal circumstances, MSDS available.

INSTALLATION

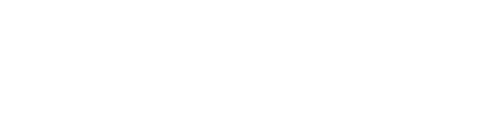
1. Clear the damaged section, remove existing tree roots in the vicinity and prepare the trench as normal.
2. Blend the (UPGI) PIPE TRENCH GROWTH INHIBITOR with the sand at a ratio of 4 parts sand to 1 part (UPGI) PIPE TRENCH GROWTH INHIBITOR.
3. Place 100mm deep blended material into the trench, then lay the pipe and cover it with more blended material to give 100mm cover above the pipe.
4. Continue to lay the service as normal.

RESULT 100mm zone around the pipe will remain outside the food range of the trees. **For detailed design guidelines with typical detail, please see overleaf.**



(UPGI) PIPE TRENCH ROOT GROWTH INHIBITOR

THIS PRODUCT ALSO KNOWN AS UNDERPATH GROWTH INHIBITOR - PATENT PENDING



Down load installation guide www.rootbarrier.com.au

ROOT BARRIER help line 1300 136 644 (Australia Only) International Tel +61 7 3865 8737
Download design typicals at www.rootbarrier.com.au

