



# Geoweb® Tree Root Protection System

Critical Root Zone/ Tree Protection Zone is the minimum area beneath a tree that must remain undisturbed to preserve a sufficient amount of root mass in order to give a tree a chance of survival. Used extensively in civil engineering construction for over 30 years, the Geoweb® system is a three dimensional structure that:

- Provides strength to confined soils
- Distributes loads laterally, not vertically
- Reduces point loads
- Reduces compaction of the subsoil
- Protects tree roots The Geoweb® Tree Root Protection system is an economical solution for reducing construction vehicle impact to the tree root zone.

Cell Type	Panel Size/Depth	75mm	100mm	150mm	200mm
Small - GW20V	2.6m x 6.54m	GW20V3	GW20V4	GW20V6	GW20V8
Mid - GW30V	2.6m x 8.3m	GW30V3	GW30V4	GW30V6	GW30V8
Large - GW40V	2.6m x 13.46m	GW40V3	GW40V4	GW40V6	GW40V8

Cell size and depth are determined by the detail of the application, problem or desired solution.

## Slope, Channel and Shoreline Protection:

The Geoweb® confines, reinforces and restrains the upper soil layer and infill controlling down-slope movement and slippage due to hydrodynamic and gravitational forces. In a channel application the Geoweb will also provide protection against low-to-high flows.

POA

Typical Application:

- Embankment slopes
- Geomembrane protection
- Abutment protection
- Swales and drainage ditches
- Tree Root Protection
- Load Support



Green-tech endeavour to ensure that the information given on this technical data sheet is accurate, but accept no liability for its use or its suitability for particular application.

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