

gtRibbed Root Panels

Root director panels for urban tree planting

Introduction:

The gtRibbed Root Panels are designed specifically for installation vertically- underground, guiding root growth downwards. The system works by directing horizontal root growth downwards via its vertical ribs, away from hard landscape surfaces, utilities and services. When the roots reach the lower edge of the gtRibbed Root Panels, they exit the system accessing further growing space. Any roots that grow upwards will be deflected back into the soil via the folded edge at the top of the root panel.

Due to the flexibility of the system, the gtRibbed Root Panels can be folded up to a 90 degree angle allowing for a number of configurations to be created for different tree planting scenarios. (See below) The system allows the growing media and tree to first be planted and the rootpanels installed to suit the depth of the planting, volume of growing media and size of the rootball.



Circular Formation Ribbed Root Panel



Linear Ribbed Root Panel



Square Formation Ribbed Root Panel

Properties:

- 90° ribs at 18cm intervals guide the tree's roots downwards.
- Flexible enough to install linearly, as a square or around a tree.
- All panels have a folded edge of 1.5cm, which prevents tree root growth
- All gtRibbed Root Panels have built-in anchorage, which prevents the tree roots from pushing the root panels upwards.
- Stiff enough to withstand the force of root growth.
- Simple system to join together, using screws or adhesive tape (supplied with kits)

Green-tech Ltd
Sweethills Park, Nun Monkton
York, YO26 8ET

E: sales@green-tech.co.uk
T: 01423 332 100
F: 01423 332 101

www.gtspecifier.co.uk
www.green-tech.co.uk
www.facebook.com/greentechuk
www.twitter.com/greentechltd

gtRibbed Root Panels

Root director panels for urban tree planting

Available in the following configurations:

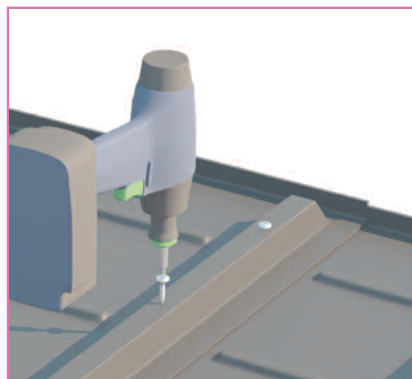
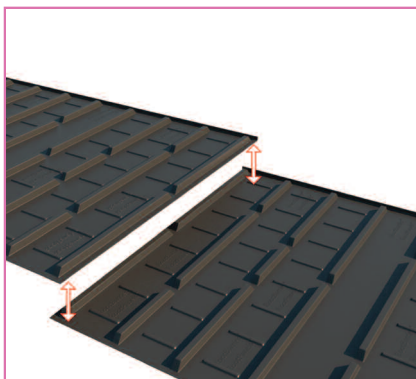
gtRibbed Root Panel Kits	Total Length	Panel Length	Panel Height	Panel Weight	Adhesive Included
1.1m gtRibbed Root Panel Square Kit	440cm	220cm	57cm	ca. 2.5kg	Y
1.4m gtRibbed Root Panel Circular Kit	440cm	220cm	57cm	ca. 2.5kg	Y
2.2m gtRibbed Root Panel Linear Kit	220cm	220cm	57cm	ca. 2.5kg	N
Additional Panels	220cm	220cm	57cm	ca. 2.5kg	N

Material:

- 100% HDPE
- 100% Recyclable
- UV Resistant
- Resistant against chemicals
- Withstands root growth, dirt and bacteria.

Installation:

Panels can be secured with adhesive tape (supplied with kit packages) or screwed together by simply using a drill and 4 x 20mm screws.



Green-tech Ltd
Sweethills Park, Nun Monkton
York, YO26 8ET

E: sales@green-tech.co.uk
T: 01423 332 100
F: 01423 332 101

www.gtspecifier.co.uk
www.green-tech.co.uk
www.facebook.com/greentechuk
www.twitter.com/greentechLtd