



2022 R1

ROOTGUIDE[®] PANEL DEEPER ROOTS

wortelgeleidingscherm

Root guiding barriers were developed in the 1970s to guide roots downwards. Once under the barrier, the roots continue to grow laterally so that the tree's stability is ensured. The reason for developing these screens is to prevent the pavement damage due to shallow-growing roots.

Today, the panels are used for a variety of applications. Increasingly, the screens are applied over longer lengths. The RootGuide has been specially developed for both surround- and linear application in an efficiently and cost-effectively way.

RootGuide barriers meet all requirements for effective root guidance.

Vertical ribs incl. horizontal Anti-lift ground lock tabs

RootGuide the new standard for tree planting

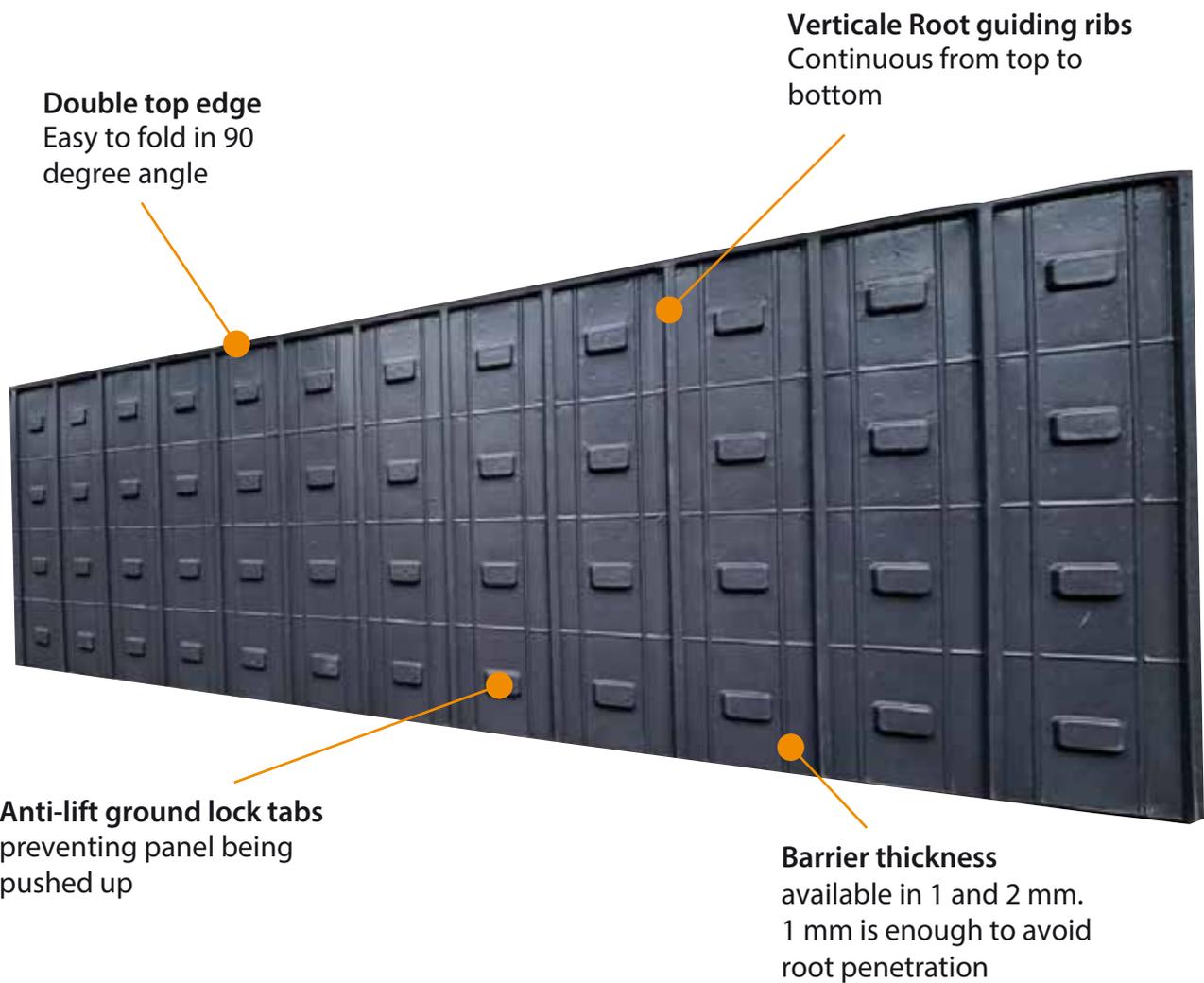
Few joints; and therefore few places for roots to escape

1 mm thick is sufficient to stop roots; just like the root barriers without ribs, 1 mm is sufficient.

Functionally, there is no reason to use more material.



Protect your pavement and underground infrastructure against root growth



RootGuide

The first product to combine functionality with user-friendliness

Meets functional requirements for root guidance

- Vertical ribs 1 cm high, perpendicular to the wall, continuous from top to bottom. Rib spacing 15.
- Anti-lift ground lock tabs, horizontal perpendicular to the wall, surface per tab 4 cm² and 40 tabs per m².

Improved functionality

- RootGuide is produced in long lengths to minimise the number of couplings.
- RootGuide is easily folded at angles, therefore no loss of space or extra coupling in the corners, e.g. in the case of a rectangular tree pit.

Cost efficiency

- Using recycled materials
- Wall thickness 1 mm. 11 mm is enough to avoid root penetration. Using more material has no added value for the tree.
(on request 2 mm available)
- Reduced processing time. Fewer couplings means a gain in labour time.

Dimensions

Height	Wall thickness	
30 cm	1 mm	2 mm
45 cm	1 mm	2 mm
60 cm	1 mm	2 mm
75 cm	1 mm	2 mm
90 cm	1 mm	2 mm
105 cm	1 mm	2 mm
120 cm	1 mm	2 mm

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Why longer lengths

- With longer lengths, fewer couplers are needed, each coupler is a potential escape route for roots.
- Faster processing time, quick and easy processing of long lengths without coupling every 60 cm

Why 1 mm

- Functionally, 1 mm is already sufficient to prevent root penetration, see also the standard requirements for a root barrier.
- Less material means a better CO₂ footprint
- Less material also means a more competitive price.



Available on roll

- The RootGuide is also available on roll (RootGuideRoll), requiring even fewer couplings and even faster processing.
- On rolls, RootGuide is supplied without double top edge.

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We offer you the most extensive range of quality products on urban tree planting solutions in the world. Products are mostly produced in our own factory in Germany. Or at one of our exclusive partner manufacturers.

Besides products we also offer you our knowledge and experience about tree planting and storm water management. Ask our specialists for :

- Workshop and masterclasses
- Soil volume calculation services
- Design services
- Engineering services



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