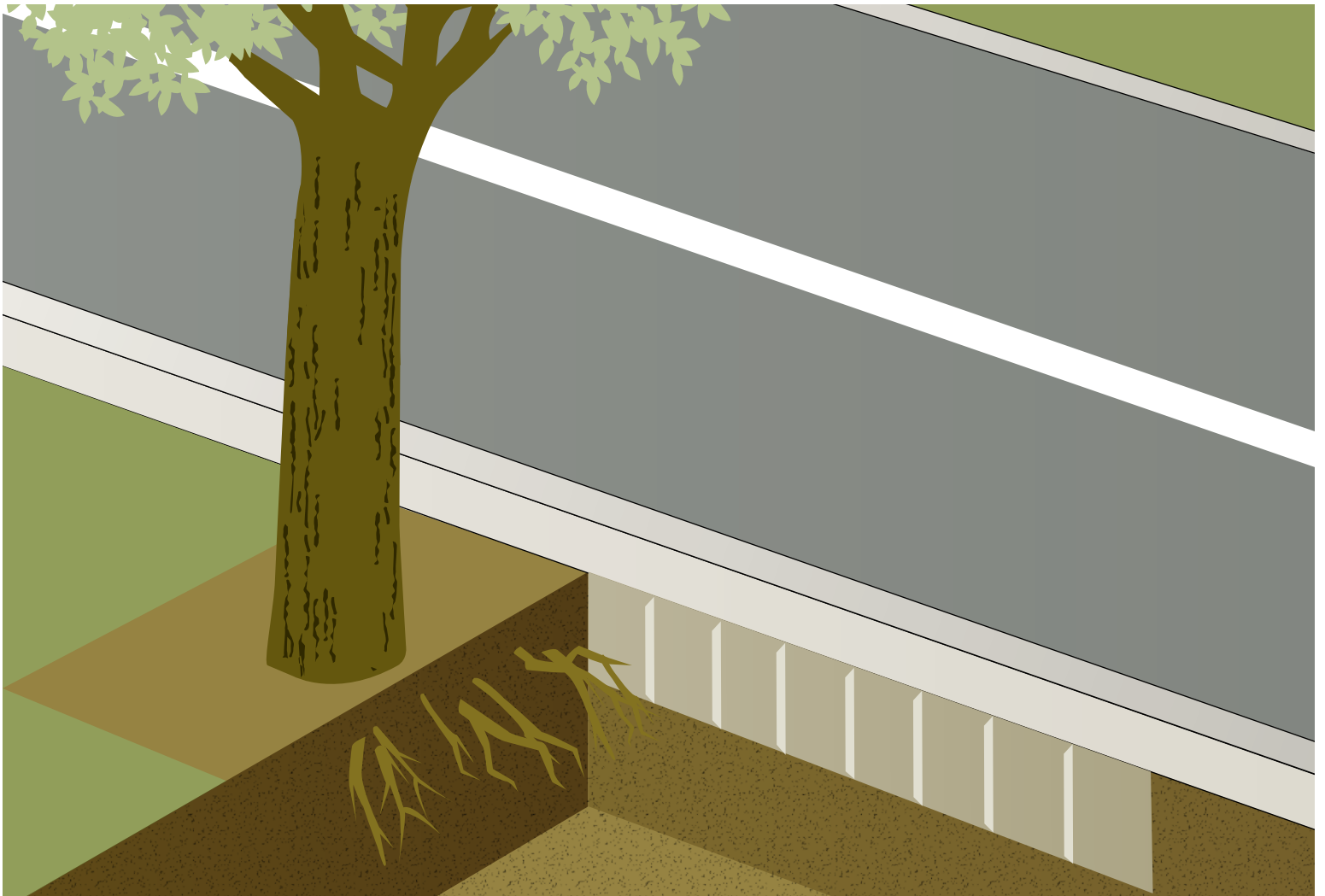




PROTECT HARDSCAPES FROM  
ROOT DAMAGE WITH PATENTED  
MECHANICAL GUIDING BARRIERS.



# DeepRoot Tree Root Guide Applications

## Linear

Provide maximum hardscape protection while utilizing all available rooting space for improved tree health by placing guides in a straight line directly along the hardscape to be protected.

Linear models include LB 12-2, UB 18-2, UB 24-2, UB 36-2, and UB 48-2.

## Surround

Protect hardscapes that surround a planting on all four sides. Plan to line the perimeter of the planting area with the panels – this provides the maximum available uncompacted soil volume for immediate root growth.

Surround models include UB 18-2 and UB 24-2.

## Root pruning

Root pruning can help save existing trees and prevent future damage to paving. Disruptive roots are cleanly cut and removed; linear Root Barrier is then installed. There are limitations to root pruning and a qualified Certified Arborist should be consulted.

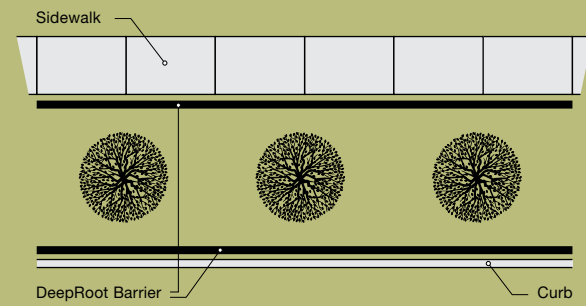
Root Pruning models include LB 12-2, UB 18-2, and UB 24-2.

## Specialty applications

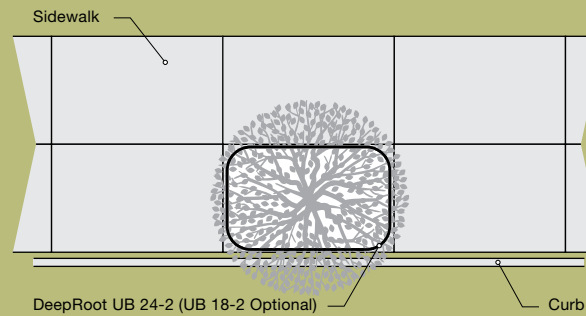
Help protect sites with unusual requirements—like tennis courts, slopes, cemeteries and retaining walls—from root damage. DeepRoot Tree Root Barriers of different sizes can be used in combination in areas of variable depth.

## Root block

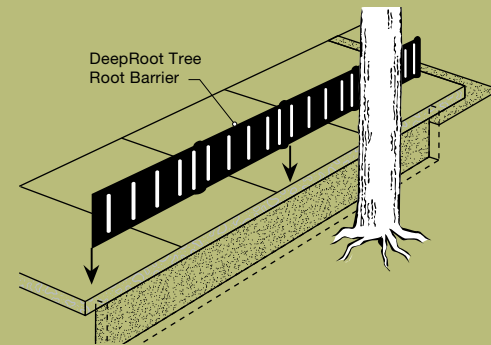
In some circumstances it may be more desirable to prevent root intrusion by blocking roots, not redirecting them. Please see our Geomembrane catalog for details.



LINEAR



SURROUND



ROOT PRUNING

### APPLICATION STYLES

Product #	Linear	Surround	Root Pruning	Specialty
LB 12-2	•		•	
UB 18-2	•	•	•	
UB 24-2	•	•	•	•
UB 36-2	•		•	•
UB 48-2	•		•	•

### PRODUCT USES

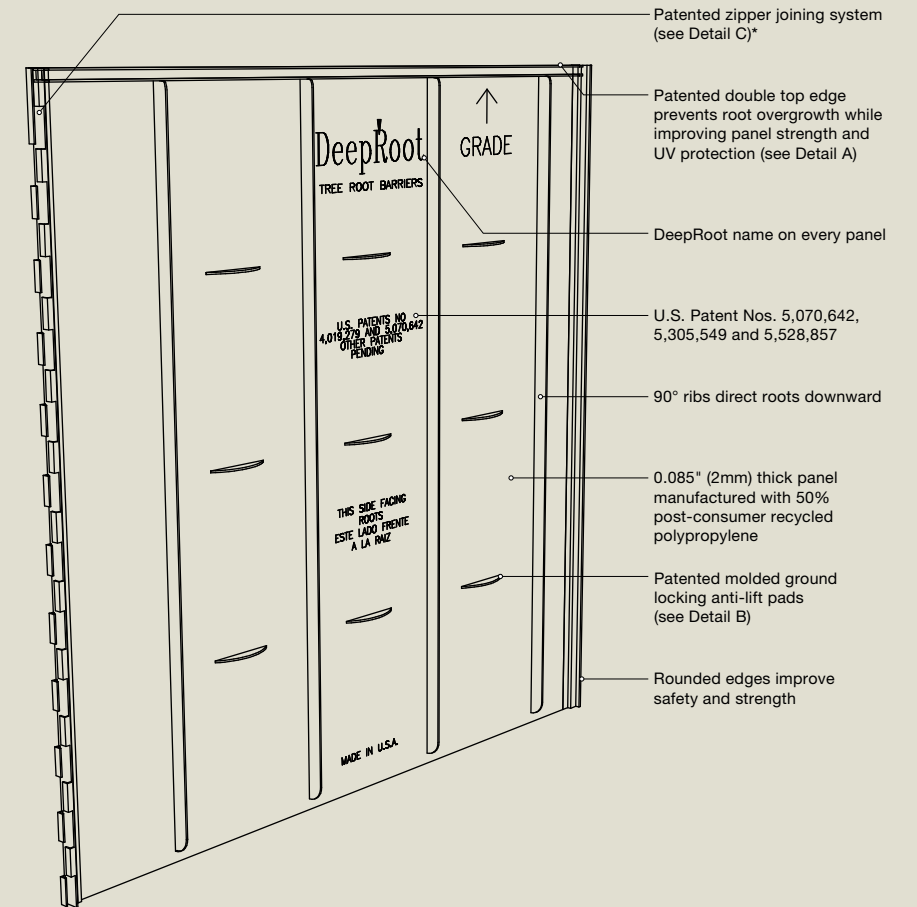
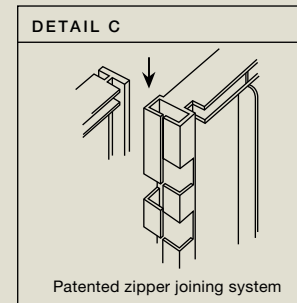
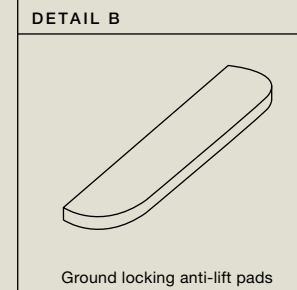
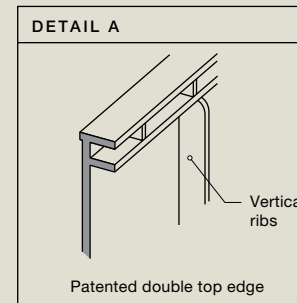
Product #	Sidewalks	Curbs & Gutters	Paths	Medians	Patios	Specialty
LB 12-2			•			
UB 18-2	•		•		•	
UB 24-2	•	•	•	•	•	•
UB 36-2						•
UB 48-2						•

# Design Features

DeepRoot Tree Root Guide design features effectively manage root expansion without compromising tree health or growth, and can be used both on new plantings and existing trees. 90° vertical ribs guide the roots downward and away from hardscapes, and our patented double top edge increases the strength and safety of the panel as well as protecting against root overgrowth. The rounded edges of the panels make them safe and easy to handle, and the patented groundlock tabs prevent the panels from shifting or being lifted by the roots.

LB 12-2 panels have easy-to-use articulated pre-assembled joiners, and UB 18-2 and UB 24-2 can be attached by simply sliding the patented zipper edge of one panel onto another, so there are no glues or additional joining strips required. LB 12-2, UB 18-2 and UB 24-2 are manufactured in the USA in ISO 9002 certified factories. Our 12", 18" and 24" panels are made using 50% post-consumer recycled plastic.

For more information about Tree Root Guide installation, please see our Specification and Installation manual. DeepRoot products are patented under one or more of the following U.S. Patents: 5,070,642, 5,305,549 and 5,442,891.



\* UB 18-2 and UB 24-2 only.

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DeepRoot is committed to finding new and progressive ways to integrate trees—and all the benefits that come with them—into cities. We achieve this without compromising street space, parking places, or any other urban non-negotiables.

DeepRoot was founded in 1976 when an industrial designer tripped on an uprooted sidewalk and ruined a new pair of shoes. From these humble beginnings grew a leading urban landscape products supplier, and we continue our work to design the best products to make urban environments hospitable places for the earth's natural functions.



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