

ROOT BARRIER PANELS



Root barrier products direct root growth from shrubs and trees downward, dramatically decreasing the roots' potential to clash with and penetrate nearby hardscapes, walls, or building foundations. The use of NDS root barriers for residential and non-residential landscapes protects many communities and homeowners against the high cost of reparations due to cracks in foundations and buckled sidewalks and driveways.

Modular EP Series Root Barrier Panels

EP Series Root Barrier Panels are made from injection molded High Impact Polypropylene (HIPP) with a unique factory installed joiner strip that eases installation. EP Series Panels include a "T" top edge to prevent root overgrowth and an Anchor Lock™ external flange at the base to lock panels in the ground. Suitable for all planting installations, EP Series Root Barrier Panels are available in 12", 18", 24" and 36" depths.



Quad Clip™ Joiner Strips



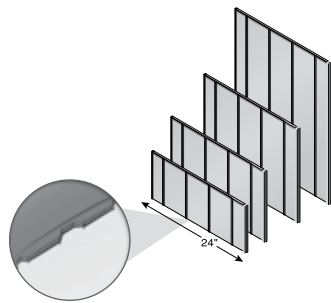
Reinforcing Ribs



Anchor Lock™

Specifications

EP Series Root Barrier Panels by NDS include factory installed independent joiner strips. Each Barrier is a minimum of 0.090 inches thick and is made of up to 50% post consumer High Impact Polypropylene (HIPP) with U.V. inhibitors to ensure longevity. Barrier Panels have 1/2" raised vertical ribs running perpendicular to the panel and are 6" on center. All EP Series Panels feature a 3/8" wide "T" top edge and an external ground anchoring base flange that is 1/8" in width.



Part No.	Description	Color	Pkg. Qty.	Wt. Ea. Lbs.	Product Class
EP-1250	12" x 24" Root Barrier Panel	Black	25	1.80	50LP
EP-1850	18" x 24" Root Barrier Panel	Black	25	1.56	50LP
EP-2450	24" x 24" Root Barrier Panel	Black	25	2.12	50LP
EP-3650	36" x 24" Root Barrier Panel	Black	25	3.20	50LP

Includes 1 Joiner Strip per panel

Recommended Installations

Surround Application:	Linear/Root Pruning Application:
Panels placed around root ball, at a sufficient distance to allow proper backfill of materials.	Panels placed directly adjacent to the hardscape being protected.

UB 18-2 TECH SHEET

This 18" high by 24" wide barrier is for linear, surround, and root pruning applications. It is suitable for use on sidewalks, paths, and patios, as well as other tree planting situations.

UB 18-2

SPECIFICATIONS + FEATURES



USES

Redirect tree roots down and away from hardscapes.

MATERIALS

High-quality 75% reprocessed recycled injection molded co-polymer polypropylene. Manufactured in ISO 9001:2008 registered factories.

SIZES & PACKAGING

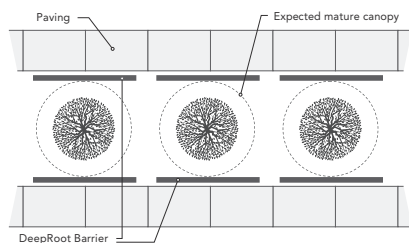
Each panel is 18" (46 cm) x 24" (61 cm)
26 Panels (52 linear feet / 16 m) per carton, 20 cartons per pallet, approximately 43 lbs. (19.5 kg) per carton

FEATURES

- 90° ribs redirect root growth down and away from hardscapes
- Instant assembly: panels slide together with a zipper joiner system
- Patented double top edge for strength, safety, appearance and root overgrowth protection
- Added UV inhibitors prevent breakdown from sun exposure
- Rounded edges for safety in handling
- Made in the USA

APPLICATIONS

LINEAR



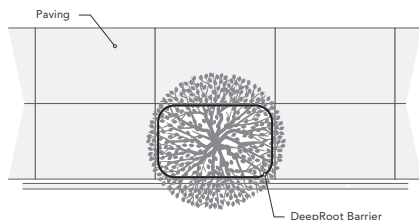
LINEAR

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.

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



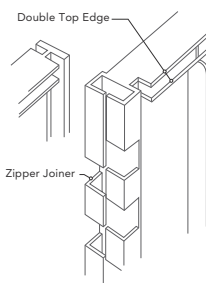
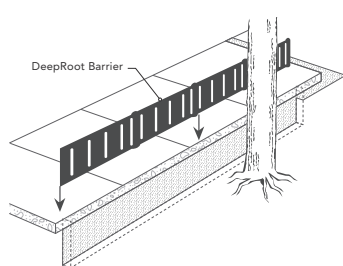
ROOT PRUNING

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 an ISA Certified Arborist should be consulted.

HOW TO SPECIFY:

1. Determine linear, surround, root pruning or specialty application.
2. Pick appropriate barrier depth for application and site.
3. Calculate number of panels required.
4. For details on these or any other installation instructions, please refer to our Specification and Installation Manual, or visit www.deeproot.com.

ROOT PRUNING



ZIPPER JOINING SYSTEM

Each panel has a built-in zipper joiner along one edge, making assembly of the panels in the field quick and easy.

DOUBLE TOP EDGE

Patented double top edge adds strength, safety, and root overgrowth protection.

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