

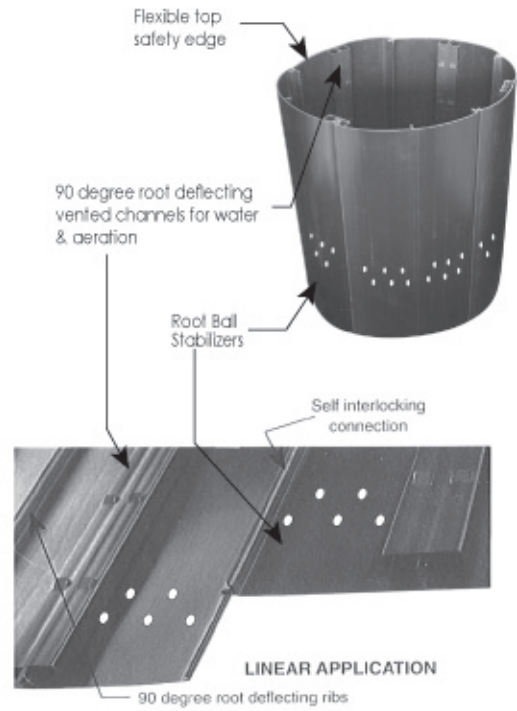
## DWP-RS Series Deep Watering Panels

Incorporates 90° ribs with deep watering channels with aeration vents. Vents are located along the channel facing the root ball zone. The system is designed to use up to 30% less water by evenly distributing water and nutrients directly into the root ball zone and base of the barrier while deflecting roots downward away from the hardscape. A series of holes called "Root Ball Stabilizers" located at the bottom 20% of the barrier, allow tree roots to anchor themselves through the barrier providing additional stabilization to planted trees. The DWP-RS Series can be used in both linear and surround applications.

**Linear Application:** For root pruning of existing trees or in planting situations where one or more trees are in close proximity to hardscapes.

-OR-

**Tree Well Application:** For new tree planting or when the hardscape encircles the planter



### Features:

- Flexible top safety edge
- Versatile barrier for water conservation used in linear or tree well applications
- Manufactured with recycled plastic
- Raised 90° root deflecting ribs and vented deep watering channels for aeration and equal water distribution to root ball and barrier base
- 90° 1/2"-3/4" raised rib, side interlocking, panel to panel joining system
- Adjustable anti-lift polyethylene panels which can be separated into 1' (30.5 mm) sections
- "Root Ball Stabilizers" Stabilizing holes are located at the bottom 20% of the barrier allowing the roots to anchor themselves through the barrier
- The holes both restrict the external growth of roots, and provide additional stability

### SPECIFICATIONS

**DWP-RS Series:** DWP-RS 12-2, DWP-RS 18-2, DWP-RS24-2  
90° 1/2"-3/4" raised rib, side interlocking panel to panel joining system  
**Material:** Polyethylene with ultraviolet inhibitors  
**Thickness:** 0.085"

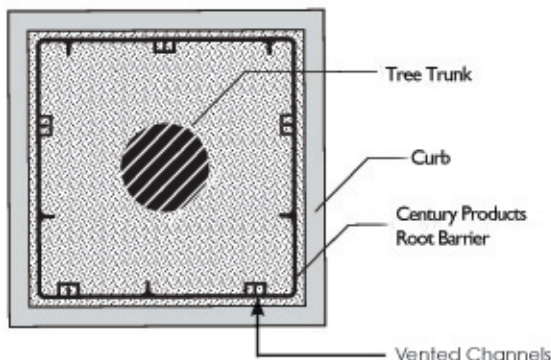
MATERIAL	Polyethylene	
THICKNESS	0.085"	
PROPERTIES	ASTM TEST METHOD	VALUE POLYETHYLENE COPOLYMER
Tensile Stress @ Yield	D638	4100 TO 4300 PSI
Elongation @ Break	D638	40%
Tensile Modulus of Elasticity	D638	150,000 PSI
Flexural Stiffness	-	-
Cantilever Beam	D747	125,000 PSI
Tensile Impact	D1822	50 Ft. lbs/in <sup>2</sup>
Environmental Stress	-	-
Crack Resistance	D1693	1 Hr.
Hardness, Shore D	D2240	68

#### U.S. Standard

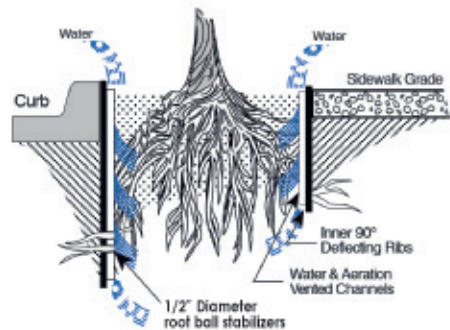
For Technical or Field Support, please call: 714.632.7083

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### TREE WELL APPLICATION



### LINEAR APPLICATION



## DWP-RS SERIES *Root Barrier Panels*

The **Century DWP-RS Series Deep Watering Panels** are pre-assembled in 2' (61 cm) long segments. The segments can be combined to create various lengths of barrier. The vented water channels located on the inside of the panel are designed to provide water and aeration directly and evenly to the root zone.

### I. SPECIFICATIONS

- The root barrier shall be **DWP-RS Series** manufactured by Century Products, 1144 N Grove Street, Anaheim, CA 92806, (714) 632-7083, or approved equivalent.
- The barriers are black molded modular panels manufactured using recycled polyethylene plastic with ultraviolet inhibitors and 0.085" (2.16 mm) in thickness. Each panel has vertical 90° root deflecting ribs and vented channels for deep watering and aeration protruding 3/4" in height. The ribs have a minimum thickness of 0.085" (2.16 mm) and are placed 4 1/2" (11.4 cm) apart. A series of holes called "Root Ball Stabilizers" are located at the bottom 20% of the barrier. An integrated 90° 1/2"-3/4" raised rib, panel to panel joining system for instant assembly by sliding one panel into another.

### II. INSTALLATION

- The specified number of panels shall be joined together and placed along the hardscapes, creating a linear planting application or connected to contour the tree well/planter.
- Root deflecting ribs and water aeration channels are always installed facing the root ball.
- Always install the panels 1"-2" above grade to avoid root penetration above the barrier.
- Prepare your installation for tree well applications as depicted in the illustrations. (Assemble barrier as shown in figure 1)
- Recommended for linear or tree well applications. Back fill with existing native soil. If necessary for drainage, use gravel or crushed rock. Avoid backfill less than 3/4" or greater than 1 1/2". Finish to grade. Do not distort barrier during installation.
- Technical Questions? Call Century Products at 714. 632.7083 for assistance.

**Fig. 1**

