

BLOCK ROOTS, CONTROL INVASIVE SPECIES AND BAMBOO, PROTECT FOUNDATIONS, AND MANAGE WATER WITH DEEPROOT GEOMEMBRANES.



# DeepRoot Geomembrane Applications

## Applications

Flexible, tough, and lightweight, DeepRoot Geomembranes are available in a variety of widths and thicknesses and serve two specific purposes:

1. Blocking roots and controlling invasive species
2. Managing underground water movement

Applications for Geomembranes include medians, roads, golf green liners, bamboo and invasive species control, and foundation protection.

## Use as Water Barrier

Versatile Water Barriers protect hardscapes and landscapes from subterranean water movement. When used around building foundations Water Barriers prevent root intrusion and maintain water equilibrium. The impermeable Geomembrane is also ideal for golf course construction to separate the greens from invasive grass and clay soils.

### Typical Applications:

- Golf green liners
- Irrigated median plantings
- Drainage
- New foundation protection

### Caution:

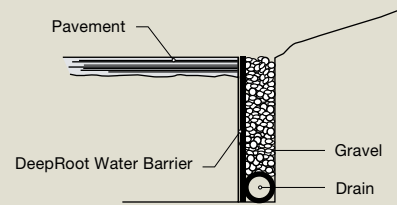
Water Barrier will not turn tree roots downward for subsequent lateral growth, which firmly anchors the tree. If the Water Barrier is to be used near a tree a local arborist should be consulted.

## Use as BambooBarrier

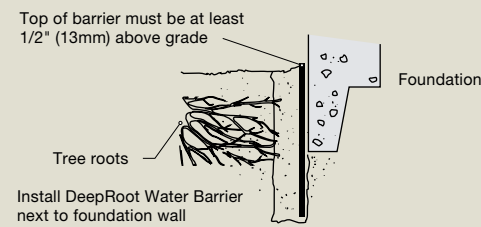
Bamboo makes an ideal garden plant and grows quickly to provide privacy and beauty. However, if left unchecked it can grow throughout the yard and become a major nuisance. Using DeepRoot Water Barrier as a Bamboo barrier is an effective way to prevent the unwanted spread of bamboo and other invasive species. The smooth surface of the Bamboo Barrier acts as a root stop, diverting the rhizome and preventing rampant growth. The rhizome will not penetrate the barrier, and instead will turn and continue to grow along the surface of the barrier. This contains the bamboo and prevents unwanted spreading.

### Typical Applications:

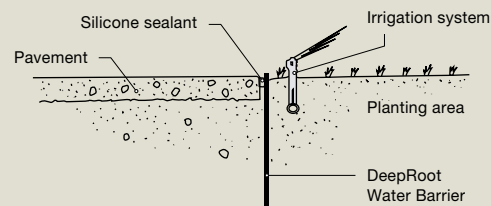
- Bamboo and invasive species control.



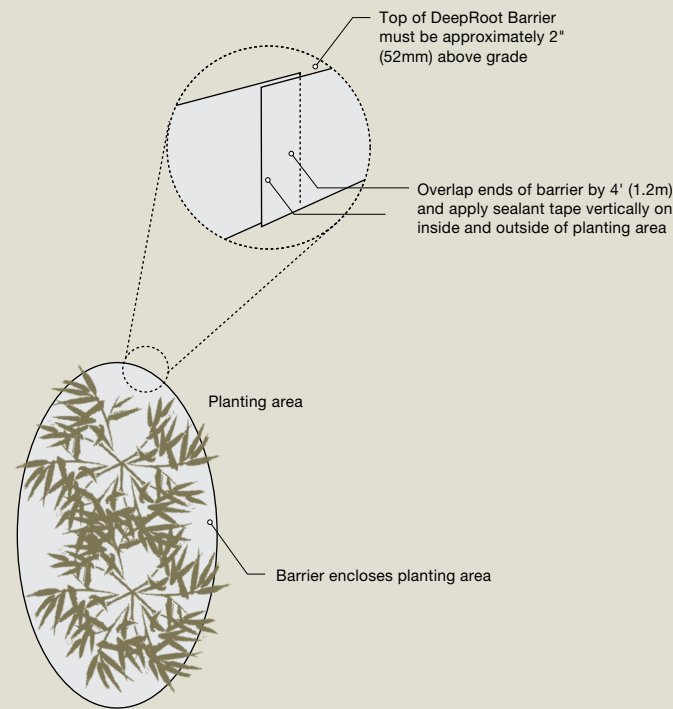
DRAINAGE



FOUNDATION PROTECTION



IRRIGATION



BAMBOO AND INVASIVE SPECIES CONTROL

# Technical Specifications

	WATER BARRIER	BAMBOO BARRIER
<b>Features</b>		
Cuts at any measured length with utility knife	•	•
Up to 300 linear feet (91.44 m) without the need for a seam	•	•
Joins vertically or horizontally with sealant tape	•	•
Additional depths with vertical use or horizontal overlapping	•	•
Made in the USA	•	•
<b>Material and Manufacturing Process</b>		
Polyethylene (HDPE) of 0.030"(0.76 mm), 0.040"(1.02 mm), or .060" (1.52 mm) thickness	•	•
Recyclable sheet material	•	•

PRODUCT NUMBER	SHIPPING WEIGHT	SIZES	USAGE	
			WB	BB
<b>0.030" (0.76 mm) Thickness Rolls</b>				
WB 18/30	Approx. 75 pounds (34.02 kgs) per roll	18" x 300' (46 cm x 91.44 m)	•	
WB 24/30	Approx. 100 pounds (45.36 kgs) per roll	24" x 300' (61 cm x 91.44 m)	•	•
WB 30/30	Approx. 125 pounds (56.70 kgs) per roll	30" x 300' (76 cm x 91.44 m)	•	
WB 36/30	Approx. 150 pounds (68.04 kgs) per roll	36" x 300' (91 cm x 91.44 m)	•	•
WB 48/30	Approx. 200 pounds (90.64 kgs) per roll	48" x 300' (122 cm x 91.44 m)	•	
<b>0.040" (1.02 mm) Thickness Rolls</b>				
WB 24/40	Approx. 133 pounds (60.33 kgs) per roll	24" x 300' (61 cm x 91.44 m)	•	•
WB 30/40	Approx. 166 pounds (75.30 kgs) per roll	30" x 300' (76 cm x 91.44 m)	•	•
<b>0.060" (1.524 mm) Thickness Rolls</b>				
WB 30/60	Approx. 250 pounds (113.40 kgs) per roll	30" x 300' (76 cm x 91.44 m)	•	
WB 36/60	Approx. 300 pounds (136.07 kgs) per roll	36" x 300' (91 cm x 91.44 m)	•	

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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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