

ROOT BARRIER COMPUTATION SHEET

USE THE TABLES BELOW TO DETERMINE THE AMOUNT OF ROOT BARRIER NECESSARY PER TREE, UNDER NORMAL CONDITIONS

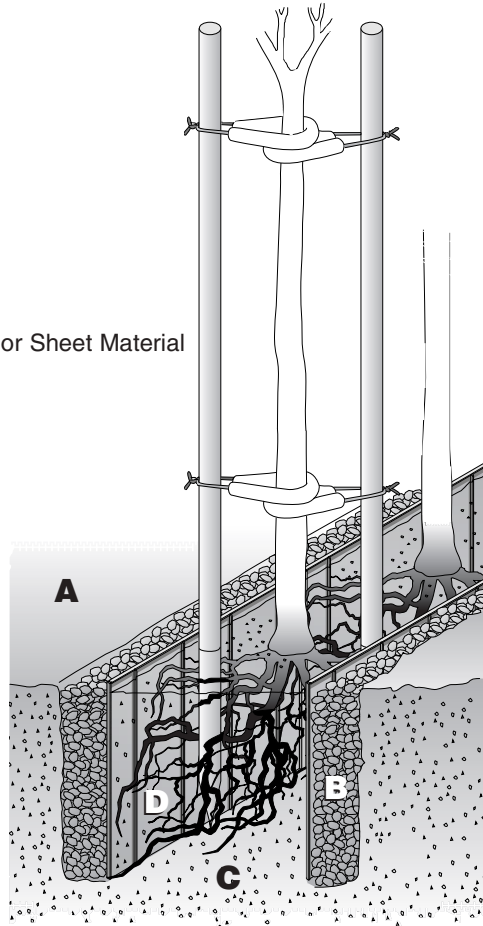
CONTAINER/ TREE SIZE	ENCOMPASSING METHOD		LINEAR METHOD
	# OF EP or RP PANELS PER TREE	SHEET MATERIAL FOOTAGE PER TREE	EP or RP PANELS or SHEET MATERIAL PER TREE LOCATION
1.5 Gallon	3	5-6 ft.	≈ 10 ft.
20" Box	4	7-8 ft.	
24" Box	5	9-10 ft.	
30" Box	6	10-11 ft.	≈ 15 ft.
36" Box	7	13-14 ft.	
42" Box	8	15-16 ft.	
48" Box	9	18 ft.	≈ 20 ft.
60" Box	11	20 ft.	
72" Box	13	26 ft.	
84" Box	15	30 ft.	
96" Box	17	34 ft.	

SAMPLE CALCULATIONS - For Installations with Special Circumstances					
EXAMPLE SIZE	TOTAL INCHES	÷ 12" = FEET	ADDITIONAL FOOTAGE OF MATERIAL VARIES	LINEAR FOOTAGE OF MATERIAL	TOTAL NUMBER OF EP OR RP SERIES PANELS (ROUND UP TO NEXT WHOLE NUMBER)
Boxed Tree 24" x 4 side =	96"	÷ 12" = 8 ft.	+ ____ ft. =	EP OR RP SERIES PANELS OR SHEET MATERIALS ____ ft.	÷ 2 =
Balled Tree 65" x 3.14 (pi) =	204"	÷ 12" = 17 ft.	+ ____ ft. =	____ ft.	÷ 2 =

ROOT BARRIER INSTALLATION GUIDE

LINEAR STYLE INSTALLATION

- A - Finished Grade
- B - 3"-4" of $\frac{3}{4}$ " Gravel
- C - Amended Soil
- D - EP/RP Series Panels or Sheet Material

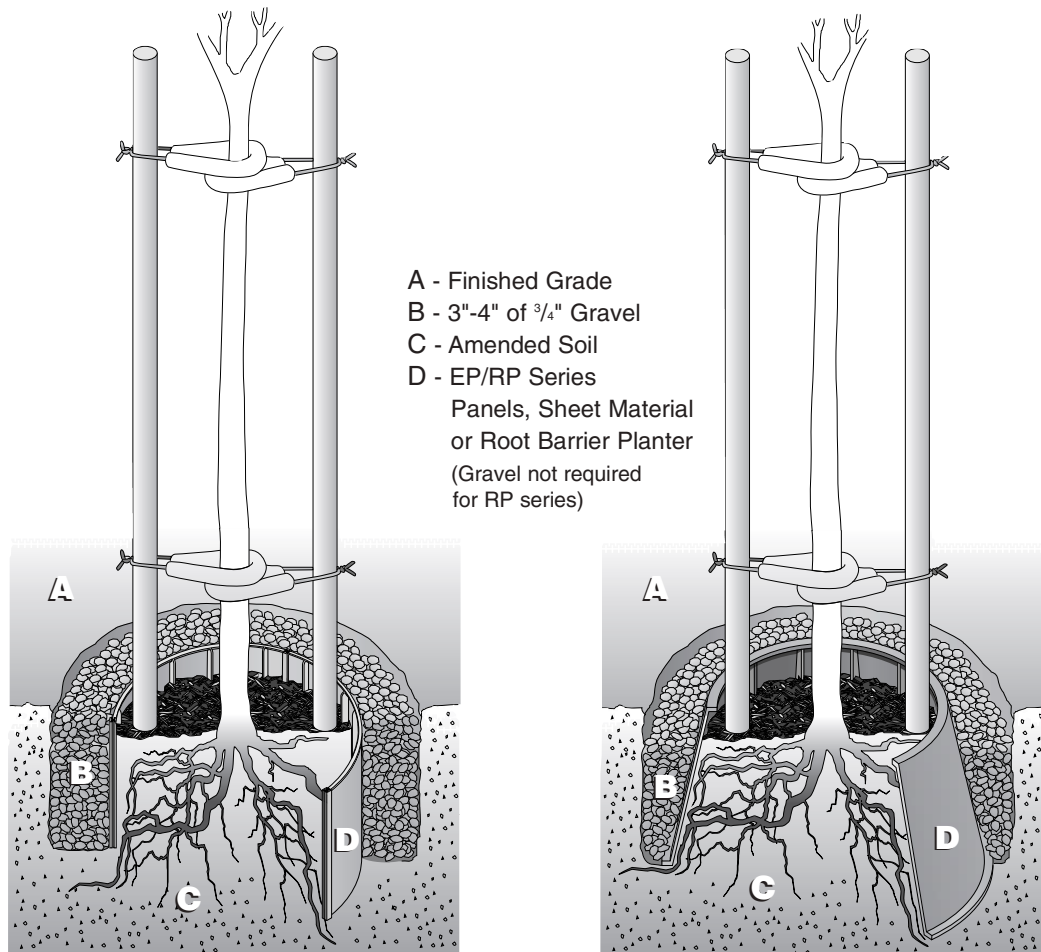


EP/RP Series Panels, Sheet Material

- 1) Determine the length of material required for the installation.
- 2) Connect panels together (EP Series Panels) or cut material (Sheet Material, RP Series Panels) to desired length.
- 3) Place material in trench, directly adjacent to hardscape. Be sure barrier extends above finished grade but remains at or below hardscape surface. Three to four inches of crushed rock or gravel between hardscape and barrier may be required.

ROOT BARRIER INSTALLATION GUIDE

SURROUND STYLE INSTALLATION



EP/RP Series Panels or Sheet Material

Root Barrier Planter

- 1) Determine amount of material needed (refer to Computation Sheet on page 8).
- 2) Complete coupling connection as described on material carton.
- 3) For the Root Barrier Planter install barrier around tree root ball, providing adequate room between tree and barrier.
- 4) Alternate backfilling soil or amended mix into the interior of the root barrier, and gravel into the exterior of the root barrier in stages. Allow for 3" to 4" of crushed rock or 3/4" gravel on the outside of the root barrier.
- 5) Check for settling of barrier base or lower as necessary to maintain the "finish grade" height.
- 6) Periodic inspections should be made to insure the integrity of the installation. At no time should roots be allowed to circle or grow over the top of the material. Prune or redirect downward any roots found in this condition.