

# RootForm

Modular root management.



GreenBlue Urban's RootForm system is a dual purpose product with all the benefits of GreenBlue Urban's Root Director products but with the added function of providing a high speed shuttering system to create a concrete haunch around the tree pit.

## Overview

RootForm is designed to be filled with concrete leaving a perfect base for fixing down tree grille frames and preventing compaction of the tree rooting area immediately adjacent to the root ball.

The simple, strong, click together sections are ready for concrete pour in moments and the sectional format mean the components can be configured to any size tree pit, even rectangular ones. Like RootDirectors, the system naturally prevents root girdling and encourages deep root growth improving stability and drought balance.

## Features

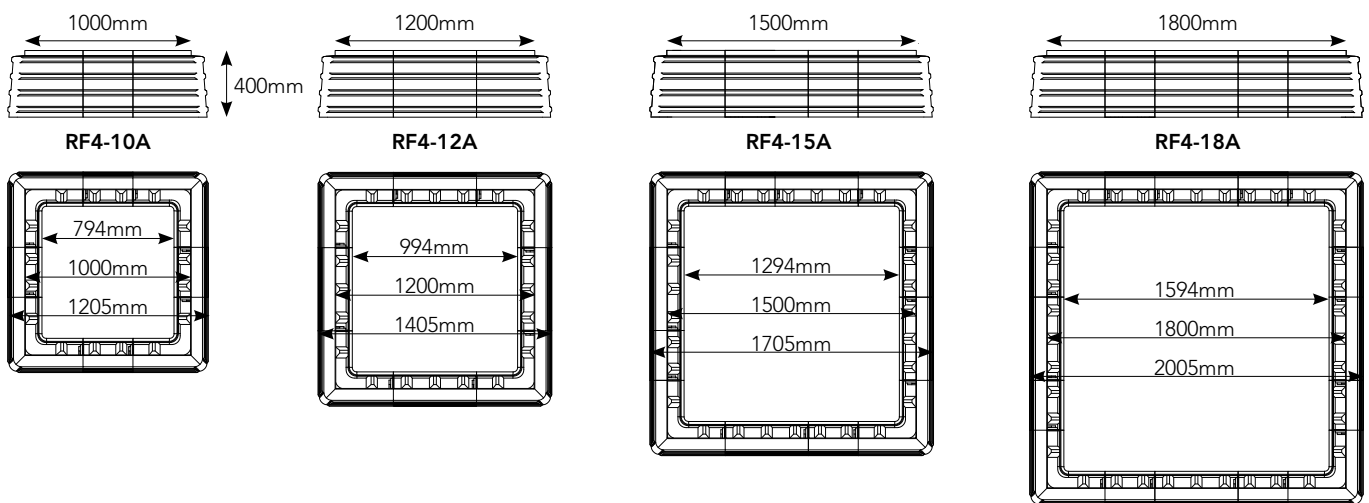
Modular construction for any sized tree pit  
Recycled HDPE is resistant to puncture, biodegradation, and photodegradation  
400mm standard depth  
Suitable for inclusion of steel reinforcement if required

## Benefits

Internal ribs prevent 'root girdling' – a fatal rooting pattern  
Deeper root growth improves drought tolerance, tree stability and longevity  
Guides roots away from areas vulnerable to de-icing salts  
Prevents pavement 'root heave' effectively eliminating trip hazards  
Assembled in moments ready for concrete pour, no shuttering required  
Reduces quantity of concrete required with traditional shuttering  
External horizontal ribbing creates key to external paving layerworks preventing differential settlement

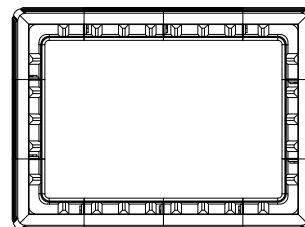
	Code	Depth	Tree grille frame size	Components	Product weight (kg)	Concrete volume (ltrs)
<b>Product codes (complete sets)</b>	RF4-10A	400mm	1000mm sqr	4x Corner, 4x 300	21	190
	RF4-12A	400mm	1200mm sqr	4x Corner, 4x 500	25	229
	RF4-15A	400mm	1500mm sqr	4x Corner, 4x 300, 4x 500	32	285
	RF4-18A	400mm	1800mm sqr	4x Corner, 8x 300, 4x 500	40	341

	Code	Components	Length	Depth	Product Weight (kg)	Concrete volume (ltrs)
<b>Product codes (individual components)</b>	RF4-CRA	Corner section	350mm	400mm	3.32	33.6
	RF4-30A	Straight section	300mm	400mm	1.84	14.0
	RF4-50A	Straight section	500mm	400mm	2.93	23.6



**Configuration**

Components can be configured to a variety of sizes and rectangular shapes can be also created.



**Performance**

*Service life:* In excess of 50 years  
*Permeability:* ReRoot is completely impervious to moisture and root penetration  
 Thick walls are extremely robust and durable against harsh site treatment

**Materials**

100% recycled polyethylene  
*Durability:* HDPE is resistant to puncture, biodegradation, photodegradation, bacteria and most chemicals  
 100% recyclable

**Concrete:** (Not supplied) Specification to be supplied by structural engineer, postcrete type materials are suitable for most applications, steel reinforcing rods can be added if required by structural engineer.