

# StrataCell

Pavement support system.



The GreenBlue Urban StrataCell Pavement Support System is an engineered load-bearing soil cell with over 94% open void space for maximum rooting volume as well as the ability to accommodate services.

## Overview

StrataCells are manufactured in the UK from 100% recycled material, designed to help establish trees in complex urban environments.

Designed to highly advanced engineering specifications to support greater vertical loads, StrataCell brings tree-root systems closer to pavement surfaces. Engineers have calculated that, with only 300mm of granular pavement depth, a StrataCell matrix can support maximum traffic loads.

## Features

- 100% recycled material
- Integrated matrix simple and fast to click together
- 94% void ratio for total soil/root access and minimal plastic
- Large openings permit pipes, services and soil aeration systems
- Ingenius and unique octagonal shape optimises structural integrity

## Benefits

- Optimum conditions for soil biology maximising root growth & tree health
- Very fast, simple and easy to assemble reducing installation time & costs
- Ease of assembling around complex pipes and services
- Minimum excavation depths required
- Can be used close to highways due to world leading lateral structural performance
- Minimum carbon footprint due to 100% UK manufacture and highly efficient transport volumes

[DOWNLOAD FULL STRATACELL SPECIFICATIONS AND DETAILS](#)

T: +44 (0)1580 830 800  
E: [enquiries@greenblueurban.com](mailto:enquiries@greenblueurban.com)  
W: [greenblue.com](http://greenblue.com)

	Code (30 series)	Code (60 series)	Height	Unit quantity	Cubic volume
Product codes	GBUSC301A	GBUSC601A	250mm (1 cell deep)	1 sqm	0.25 m <sup>3</sup>
	GBUSC302A	GBUSC602A	500mm (2 cells deep)	1 sqm	0.5 m <sup>3</sup>
	GBUSC303A	GBUSC603A	750mm (3 cells deep)	1 sqm	0.75 m <sup>3</sup>
	GBUSC304A	GBUSC604A	1000mm (4 cells deep)	1 sqm	1.0 m <sup>3</sup>
	GBUSC305A	GBUSC605A	1250mm (5 cells deep)	1 sqm	1.25 m <sup>3</sup>
	GBUSC306A	GBUSC606A	1500mm (6 cells deep)	1 sqm	1.5 m <sup>3</sup>

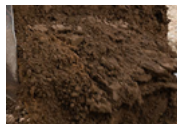
	Description	Use	Included FOC / Product Code
Standard tree pit components	20mm structural black Geogrid	Base stabilisation and lateral support	Included
	Twinwall geonet with 20mm black geogrid c/w white nonwoven membrane	Paving layerworks support	Included
	RootSoil 20	Premium top soil for filling RootSpace	ROOTSOIL20A
	10-20mm washed angular aggregate	Drainage base layer and perimeter backfill	GBUDRSC



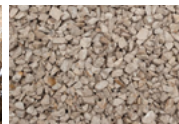
Twinwall



Geogrid



Soil



Aggregate

	Parameter	30 series	60 series
Loading capacity*	Axle load	11.5t	11.5t
	Per square meter	25t	60t
	Typical classification	A15 - B125	B125-C250
	Suitable for emergency vehicle overrun	Yes	

\*Subject to site specific engineering requirements