



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.

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

Ingenuity and unique octagonal shape optimises structural integrity

Features

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

Benefits

[DOWNLOAD FULL STRATACELL SPECIFICATIONS AND DETAILS](#)

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

	Description	Use	Included FOC / Product Code
Standard tree pit components	20mm structural black Geogrid	Base stablisation 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
	Axle load	11.5t	11.5t
	Per square meter	25t	60t
	Typical classification	A15 - B125	B125-C250
Loading capacity*	Suitable for emergency vehicle overrun	Yes	

*Subject to site specific engineering requirements