

Boughton Multi-Purpose SuDs Soil



Product information

Boughton SuDs Soil is a multi-purpose blend of sand, PAS 100 green waste compost, crushed brick and coir, designed to support a range of intensive vegetation.

Our SuDs blend is designed to be free draining with good porosity, while maintaining a sufficient moisture level to support diverse plant life.

Application

Boughton SuDs Soil can be used as a layer for swales and rain gardens, ideal for multi-purpose intensive planting, supporting a range of vegetation.

Standard

Boughton SuDs soil meets and exceeds all present G.R.O guidelines.



Properties

Clay (<0.002 mm) 0.5	Clay (<0.002 mm) 0.5
Silt (0.002-0.063 mm) 1.4	Silt (0.002-0.063 mm) 1.4
Very Fine Sand (0.063-2.0mm) 5.7	Very Fine Sand (0.063-2.0mm) 5.7
Fine Sand (0.15-0.25mm) 37	Fine Sand (0.15-0.25mm) 37
Medium Sand (0.25-0.50mm) 49.4	Medium Sand (0.25-0.50mm) 49.4
Coarse Sand (0.50-1.0mm) 5.1	Coarse Sand (0.50-1.0mm) 5.1
Very Coarse Sand (1.0-2.0mm) 0.5	Very Coarse Sand (1.0-2.0mm) 0.5

Installation details

Boughton SuDs soil can be installed up to the surface (within 100 mm of the cover depth) of rain gardens.

Delivery info

Boughton SuDs soil can be delivered in any required format. This includes 25ltr and IBC Bulk bags. Or loose tipped as required.



Boughton SuDs Soil sample mix characteristics

Sample Reference

Clay (<0.002mm)	%	0.5
Silt (0.002-0.05mm)	%	1.4
Very Fine Sand (0.05 - 0.15mm)	%	5.7
Fine Sand (0.15-0.25mm)	%	37.0
Medium Sand (0.25-0.50mm)	%	49.4
Coarse Sand (0.50-1.0mm)	%	5.1
Very Coarse Sand (1.0-2.0mm)	%	0.5
Total Sand	%	98.1

Texture Class (UK Classification)

Stones (2-4mm)	%DW	0.2
Stones (8-4mm)	%DW	0.2
Stones (>8mm)	%DW	0
Saturated Hydraulic Conductivity	mm/hr	594
Total Porosity	%	46.3
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Total Porosity	%	46.3
pH Value (1:2:5 water extract)	units	7.9
Calcium Carbonate	%	~
Electrical Conductivity (1:2.5 water extracted)	uS/cm	~
Electrical Conductivity (1:2 CaSO4 extract)	uS/cm	~

Heavy Metals Upper Limits

Copper	mg/l	1.8
Zinc	mg/l	8.5
Cadmium	mg/l	0.1
Nickel	mg/l	0.3
Lead	mg/l	1.1

Plant Available Nutrients

Field Capacity	%	46.3
Bulk Density (Oven Dried)	g/cm	1.18
Bulk Density (Field Capacity)	g/cm	1.64
Calculated Bulk Density at Saturation	g/cm	1.64
Particle Density	g/cm	2.2

Boughton Loam Ltd