

Material: 70/30 Sand/Compost Contract Rootzone
Source: Bourne Amenity Ltd
Date: 18/01/2019
Tested Against: USGA Guidelines
Tested By: STRI (Report ID A17386/6)

Parameter	Guide	Range		Result	Compliance
Texture:					
Stones and Gravel	>3.4mm	0		0.4	No
Fine Gravel	>2.0mm	≤ 3	≤ 10	0.6	Yes
Very Coarse Sand	2.0 - 1.0mm			3.8	
Coarse Sand	1.0 - 0.5mm	≥ 60		23.1	Yes
Medium Sand	0.5 - 0.25mm			49.5	
Fine Sand	0.25 - 0.15mm	≤ 20		12.5	Yes
Very Fine Sand	0.15 - 0.053mm	≤ 5	≤ 10	4.4	No
Silt	0.053 - 0.002mm	≤ 5		2.2	
Clay	<0.002mm	≤ 3		3.5	

Organic Matter (LOI)	% w/w	0.5 - 3.5	0.88	Yes
Ph		5.0 - 8.5	8.3	Yes
Saturated Hydraulic Conductivity	mm/hr	≥ 150	238	Yes
Total Porosity	%	35 - 55	43.3	Yes
Air-filled Porosity at (30cm) Tension	%	15 - 30	20.7	Yes
Capillary Porosity at (30cm) Tension	%	15 - 25	22.7	Yes
Bulk Density	g/cc	n/a	1.5	--
Particle Density	g/cc	n/a	2.65	--