



Hutcheson Technical & Soil Services

Technical Data Sheet

Typical Physical Analysis for Hutcheson A-Sand

	USGA Recommendations		A-Sand
Particle Size (mm) ¹			
>2.0	≤3%	≤10%	0.0
1.0-2.0		combined	1.1
0.5-1.0	>60% combined		15.3
0.25-0.5			37.8
0.15-0.25	≤20%		31.4
0.1-0.15	≤5% combined	<10% combined	11.2
0.05-0.1			2.9
<0.05	<8%		0.2
Total			99.9
Gravel %			0.0
Sand%			99.64
Silt%	<5%		0.23
Clay%	<3%		0.00
Saturated Hydraulic Conductivity (in/hr)²			
	>6		17.9
Porosity (%)²			
Total	35-55		40.5
Capillary	15-25		21.7
Aeration	15-30		18.8
pH³			5.3
Bulk Density (g/cc)²			1.64
Particle Density (g/cc)⁴			2.75

¹ ASTM F1632

² ASTM F1815

³ ASTM D4972

⁴ ASTM D854



Hutcheson Technical & Soil Services

Technical Data Sheet

Typical Physical Analysis for Hutcheson B-Sand

	USGA Recommendations		B-Sand
Particle Size (mm) ¹			
>2.0	≤3%	≤10%	0.0
1.0-2.0		combined	1.5
0.5-1.0	>60% combined		27.7
0.25-0.5			50.4
0.15-0.25	≤20%		17.0
0.1-0.15	≤5% combined	<10% combined	2.6
0.05-0.1			0.5
<0.05	<8%		0.2
Total			100.0
Gravel %			0.0
Sand%			99.76
Silt%	<5%		0.18
Clay%	<3%		0.06
Saturated Hydraulic Conductivity (in/hr)²			
	>6		42.2
Porosity (%)²			
Total	35-55		42.3
Capillary	15-25		9.4
Aeration	15-30		32.9
pH ³			5.5
Bulk Density (g/cc) ²			1.57
Particle Density (g/cc) ⁴			2.72

¹ ASTM F1632

² ASTM F1815

³ ASTM D4972

⁴ ASTM D854



Hutcheson Technical & Soil Services

Technical Data Sheet

Typical Physical Analysis for Hutcheson C-Sand

	USGA Recommendations		California Specifications	C-Sand
Particle Size (mm) ¹				
>2.0	≤3%	≤10%	0 - 10 %	0.0
1.0-2.0		combined	Combined	1.1
0.5-1.0	>60% combined		82 % Minimum with 50 - 70 % Medium Sand	19.4
0.25-0.5				54.6
0.15-0.25	≤20%			21.5
0.1-0.15	≤5% combined	<10% combined	0 - 8 % Combined	2.9
0.05-0.1				0.4
<0.05	<8%			0.2
Total				100.0
Gravel %				0.0
Sand%				99.78
Silt%	<5%			0.19
Clay%	<3%			0.03
Saturated Hydraulic Conductivity (in/hr)²				
	>6		15 - 50	36.0
Porosity (%)²				
Total	35-55		35 - 55	42.0
Capillary	15-25		10 - 20	17.3
Aeration	15-30		15 - 30	24.7
pH³				
Bulk Density (g/cc)²				
				1.58
Particle Density (g/cc)⁴				
				2.73

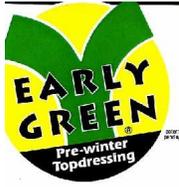
¹ ASTM F1632

² ASTM F1815

³ ASTM D4972

⁴ ASTM D854

EARLY GREEN®



Speeds Green Up

Applied in the fall or spring, the specialty formulated topdressing raises soil and turf temperatures in early spring, expediting spring growth and green-up.

Perfect for Cold Climates

One application of Early Green® in the fall protects green from harsh winter conditions by capturing and retaining radiant energy, especially at times of limited sunlight. It can also be applied during the winter months to melt ice and snow.

Environmentally Friendly

Because Early Green® is not a fertilizer, there is no risk of fertilizer burn, waste of nutrients, or un-wanted, accelerated growth.

Application Rates

For green-up and winterkill recovery — 100 to 800 lbs. per one-thousand sq. ft.

Optimal topdressing thickness dependent on mowing height.

For ice removal, 30 to 100 lbs. per 100 sq. ft.

Compatible with other pre-winter treatments, apply after preventive snow mould fungicide application.

Packaging Options

- 50 lb. bags
- 1,500 lb. and 3,000 lb. Super Sacs

Distributed by



Early Green meets USGA Specifications

Soil Temperatures for a Putting Green Treated with Early Green and Natural Coloured Topdressing Sand in Spring and Fall

