TECHNICAL DATA

TOPDRESSING SANDS

FEATURES AND BENEFITS

BYRON, CA

Topdressing sands are graded to conform to exacting particle size specifications then tightly screened to remove large particles which could dull mower blades or cause rough putting surfaces. The consistency and uniformity of these sands afford easy spreading and workability into the greens. Topdressing sands are designed to manage air and water movement in both sand-based and native soil greens, and have been proven effective in controlling thatch.

PARTICLE SIZE ANALYSIS AND PROPERTIES

Mean Values. These Do Not Represent A Specification.

	MESH (ASTM E-11)			TD 320	TD 330
	10	(2.0 mm)	gravel	---	---
Typical Mean %	18	(1.0 mm)	very coarse	1.8	---
Retained on	35	(.50 mm)	coarse	89.1	7.0
Individual Sieves	60	(.25 mm)	medium	8.0	44.4
	100	(.15 mm)	fine	0.8	35.8
	140	(.10 mm)	very fine	0.2	10.1
	270	(.05 mm)	very fine	0.1	2.7
	Structural Components		Sand	100.0	99.3
			Silt	---	0.4
			Clay	---	0.3
	Typical Moisture Content:			<0.10	<0.10

Grain Shape:	Angular
pH:	6.9-7.4 (Neutral)
Bulk Density (g/cm^3):	1.50
Soluble Salts (mmhos/cm):	<0.1

TECHNICAL DATA

CHEMICAL ANALYSIS

Mean Values. These Do Not Represent A Specification.

Mean Percent by Weight

		TD 320	TD 330
Silicon dioxide	(SiO_2)	95.44	92.19
Iron oxide	(Fe_2O_3)	0.14	0.14
Aluminum oxide	(Al_2O_3)	2.33	4.03
Calcium oxide	(CaO)	0.02	0.04
Titanium dioxide	(TiO_2)	0.03	0.08
Magnesium oxide	(MgO)	0.01	0.02
Potassium oxide	(K_2O)	1.62	2.89
Sodium oxide	(Na_2O)	0.12	0.27
Loss on Ignition	(L.O.I.)	0.29	0.34

ORDERING INFORMATION

Shipping Point: BYRON, CA

Availability: BULK ONLY
TRUCK ONLY

GRADE NUMBERS INDICATE RELATIVE OR RESULTS. THEY ARE NOT A SPECIFICATION OR WARRANTY OF PERFORMANCE.

HEALTH HAZARD WARNING: Prolonged inhalation of dust associated with the materials described in this data sheet can cause delayed lung injury including Silicosis, a progressive, disabling and sometimes fatal lung disease. IARC has determined that crystalline silica, inhaled from occupational sources, can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure. Follow OSHA or other relevant safety and health standards for the form of crystalline silica called Quartz. Current material safety data sheets, containing safety information, are available and should be consulted before usage.