



USED IN CONJUNCTION WITH TOP DRESSING:

- INCREASES WATER RETENTION AND RELEASE**
- REDUCES COMPACTION**
- PROMOTES DEEPER ROOTS**
- REDUCES TURF DAMAGE**

APPLICATIONS:

- TOP DRESSING**
- NEW CONSTRUCTION**
- CORE AERIFICATION**
- ELIMINATE WET AREAS**

DURABILITY:

- ADDS POROSITY TO HIGH TRAFFIC AREAS**
- SUPERIOR DURABILITY**

DURABILITY:

- MODIFIES DRY & WET CONDITIONS**
- MODIFIES SOIL BY ADDITION OF AIR**
- HOLDING PORE SPACE**

MAINTENANCE:

- REDUCES IRRIGATION**
- USGA SIZING**

RZA is coated with 1% bioactive silicon.

RZA is kiln dried, super calcined, and milled Montmorillonite Clay (CAS#70892-59-0). RZA:

- is coated with 1% bioactive silicon
- has 74% pore space
- is a porous ceramic and compatible in a USGA green
- bulk density is 0.64 g/cc
- top dressing mix is 90% sand, 10% RZA

PARTICLE SIZE DISTRIBUTION AND USGA RECOMMENDATIONS

Size Fraction	US Mesh Size	Particle Diameter	USGA Recommendation	RZA Properties
Fine Gravel	6 - 8	2.0 - 3.4 mm	Less than 10% combined and less than 3% gravel	0%
Very Course Sand	8 - 18	1.0 - 2.0 mm		0%
Course Sand	18 - 35	0.5 - 1.0 mm	Greater than 60% combined	48.2%
Medium Sand	35 - 60	0.25 - 0.5 mm		47.3%
Fine Sand	60 - 100	0.15 - 0.25 mm	Less than 20%	4.0%
Very Fine Sand	100 - 275	0.05 - 0.15 mm	Total less than 10%	0.5%
Silt		0.002 - 0.05 mm	Less than 5%	< 0.1%
Clay		< 0.002 mm	Less than 3%	< 0.1%

PHYSICAL PROPERTIES

Bulk Density	38-42 lb / cu ft
Specific Gravity	2.2
Moisture Content	< 2% (0.5-1.5%)
pH	4.0 - 5.0
Porosity	78%
Electrical Conductivity	0.4 mMho/cm
Particle Stability	Does not exceed 4% degradation over 20 year period (ASTM C-88 Sulfate Soundness Test)

DISTRIBUTED BY

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Rooted in Science