

RZA

SOIL



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



Rooted in Science™

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

- 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 Very Course Sand	6 - 8 8 - 18	2.0 - 3.4 mm 1.0 - 2.0 mm	Less than 10% combined and less than 3% gravel	0% 0%
Course Sand Medium Sand	18 - 35 35 - 60	0.5 - 1.0 mm 0.25 - 0.5 mm	Greater than 60% combined	48.2% 47.3%
Fine Sand	60 - 100	0.15 - 0.25 mm	Less than 20%	4.0%
Very Fine Sand Silt Clay	100 - 275	0.05 - 0.15 mm 0.002 - 0.05 mm < 0.002 mm	Total less than 10% Less than 5% Less than 3%	0.5% < 0.1% < 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

Floratine Products Group, Inc.
355 E. South St. • Collierville, TN 38017 • USA
901.853.2898 • www.floratine.com