



Solutions for your Environment™

PROFILE® FIELD & FAIRWAY™ EMERALD

Profile® Field & Fairway™ Emerald provides a cosmetic benefit and is ideal for maintenance of sports fields and golf courses. Field & Fairway Emerald can also be incorporated into the root zone to help prevent compaction and promote turf survival under intense traffic. The particles hold moisture and nutrients, providing a permanent balance of air and water pore space to increase drainage and prevent muddy conditions that destroy turf. Field & Fairway Emerald provides an appealing green turf color and is excellent for removing puddles and drying muddy areas. The product is easily applied as a topdressing before and after heavy traffic events to aid turf recovery and prevent soggy spots.

MANUFACTURER: PROFILE Products LLC
750 Lake Cook Road, Suite 440
Buffalo Grove, IL, 60089
(800) 207-6457

1. **Materials:** A calcined, non-swelling illite and non-crystalline opal CT mineral
2. **Porosity:** Total 74%, with 39% Capillary and 35% Non Capillary
3. **pH range:** 5.5± 1
4. **CEC:** 33.6 mEq/100g
5. **Stability:** Sulfate Soundness testing (ASTM C-88) and static degradation test not to exceed 4% loss over 20 years
6. **Bulk Density:** 41± 2lb/ft³
7. **Color Range:** Emerald Green
8. **Packaging:** 50 pound valve bags, 2000 pound super sacks, bulk dump truck loads

SIEVE ANALYSIS:

	Typical
+10 MESH	0.1%
-10+20 MESH	47.0%
-20+50 MESH	52.2%
-50 MESH	0.7%



PRODUCT DESCRIPTION: Must be an illite silica blend at 40% minimum and 60% minimum amorphous silica. Material is processed in a rotary kiln operation at temperatures not less than 1200 degrees Fahrenheit. Product is then screened and de-dusted.

TYPICAL CHEMICAL DESCRIPTION:

SiO₂ - 74%

Al₂O₃ - 11%

Fe₂O₃ - 5%

All other chemicals equal less than 5% and include : CaO, MgO, K₂O, Na₂O and TiO₂

INSTALLATION:

- **Topdressing** - apply 500 lbs per 1,000 sq. ft. with broadcast spreader and water to field capacity to charge particles.
- **Puddles and Muddy Areas** - Apply product directly out of the bag into the puddle or muddy area. Rake into the turf or soil and leave product to absorb water and work into the turf.
- **Core Aerification** - Core-aerify with 5/8 or 3/4 inch hollow tine and spread Field & Fairway evenly at 500 lbs. per 1,000 sq ft.
- **Drill-n-Fill of Existing Fairways** - Backfill deep-drilled holes at 250 lbs. per 1,000 sq ft.