

# INTRODUCING PROFILE™ POROUS CERAMIC EMERALD PARTICLES

They look better. They work better.



## NEW FIELD & FAIRWAY™ EMERALD



New Emerald Green Color | Original "Natural" Color (formerly Tee & Fairway)

- Emerald color disguises worn areas and blends in with turf
- Medium-size particle sized for native soils
- Adds porosity to prevent compaction in high traffic areas
- Absorbs water and minimizes muddy areas during golf tournaments or critical events

## NEW GREENS GRADE™ EMERALD



New Emerald Green Color | Original "Natural" Color

- Emerald color is excellent for divot mixes, worn areas and topdressing
- Specifically sized for sand-based root zones
- Increases moisture and nutrient retention of sand without sacrificing drainage
- Hides mid-season DryJect or aerification holes

## WHY EMERALD?

The latest enhancement of Profile™ Porous Ceramic (PPC) particles is just one more way to keep your course looking the best it can. Anywhere you put material—as topdressing, to absorb excess water, to melt ice—the new Profile Porous Ceramic emerald green color simply makes it look better. The rich color blends in and becomes less noticeable. It improves the aesthetics of your course immediately as it begins to provide proven agronomic benefits to promote the long-term health and appearance of your turf.

## WHY PROFILE POROUS CERAMIC PARTICLES?

There is a PPC particle size for every area of your golf course, whether it's sand-based or native soil, for new construction, renovation or maintenance. Added to sand or soil, it increases drainage at the same time it increases moisture retention, a result of balancing air and water pore space in the root zone. And it does so permanently because it does not break down or decompose. PPC has been proven on thousands of golf courses and at major turfgrass universities across the country. PPC Greens Grade mixes meet the specifications outlined in the USGA's *Recommendations for a Method of Putting Green Construction*, and they are the only soil amendment recommended by Palmer Course Design Company.



# Uses for Profile™ Porous Ceramic Emerald

Porous Ceramic Emerald offers you a convenient, effective tool to protect and strengthen turf in high-traffic areas prone to wear and compaction. It helps mask worn areas while absorbing water to prevent muddy conditions that can lead to further turf damage and player complaints. Players themselves help work the particles into the soil with their golf shoes as they go about the game. Profile Porous Ceramic Emerald is especially effective when applied as a topdressing prior to any event that will increase and concentrate traffic in specific areas of your course. Porous Ceramic Emerald is ideal for:

- Preventing compaction and treating worn areas along the edges and ends of cart paths
- Absorbing water around greens to eliminate soggy spots
- Protecting turf and aiding in its recovery around hospitality tents and on fairway crossing areas during golf tournaments or other events
- Keeping highly visible, high-traffic areas around the clubhouse from becoming worn and compacted
- Eliminating puddles and drying up muddy areas on any part of the course
- Adding color and strength to turf on bunker faces and walk up areas to greens and tees
- Making every point of access/egress better prepared to handle the stress of heavy traffic

Here's how to use Profile Porous Ceramic Emerald to help manage events and meet other maintenance needs.

## PROFILE FIELD & FAIRWAY™ EMERALD GOLF TOURNAMENT & EVENT MANAGEMENT

Prior to the Event:

1. Aerify the area several weeks ahead only if the seasonal conditions will allow.
2. Topdress with Profile Field & Fairway at a rate of 500 lbs. per 1,000 sq. ft.
3. Brush or drag Profile Field & Fairway into the aerification holes.
4. Water the area to capacity to charge the Profile particles.

During the Event:

Dry up Muddy Areas with Standing Water:

1. Apply Profile Field & Fairway by pouring it over the wet or muddy areas.
2. Let the Profile absorb the water, then rake it into the soil.
3. Add additional Profile Field & Fairway if the area remains wet or muddy.

Improving Turf Walkways While Minimizing Mud and Turf Damage:

1. Apply Profile Field & Fairway over turf walkways with a topdresser or fertilizer spreader at a rate of 250-500 lbs. per 1,000 sq. ft.
2. Participants and attendees can walk on the product as it works to dry up the free water and muddy soils. Particles pushed into the soil will provide permanent soil modification.
3. After the event, aerify or Aera-vate the treated areas, and brush or drag-mat the Profile Field & Fairway into the aerification holes.

## IMPROVE YOUR DIVOT MIX

Divot Mix Recipe:

- 4 gallons (by volume) of topdressing soil
- 1/2 gallon of AllGro Compost
- 1/4 gallon of Bentgrass seed
- 1 gallon of Profile Field & Fairway
- 1/2 gallon of Aquifer

Mix for a few minutes in a small electric cement mixer and then store inside in uncovered plastic barrels.

## PRACTICE TEE MAINTENANCE

Aerification:

1. Deep drill, deep tine or core aerify the area and remove the plugs if desired.
2. Evenly spread 500 lbs. per 1,000 sq. ft. of Profile Field & Fairway over the prepared area.
3. Overseed as desired.
4. Drag the Profile Field & Fairway into the holes.
5. Water the fields to capacity to charge the Profile particles.

## PROFILE GREENS GRADE™ EMERALD PROBLEM SOLVING

Ice Removal:

1. Apply Profile Greens Grade Emerald at a rate of 50 lbs. per 1,000 sq. ft. on the surface.
2. Depending on the amount of sunshine and temperature, you will see the ice start to pit and melt.
3. The ice will reach a point where you can either remove the pitted ice areas or let it continue to melt until the ice is gone.

Masking Mid-Season Aerification Practices:

1. Perform desired core-aerification, DryJect or drill-n-fill practices.
2. Backfill aeration holes with 100% Profile Greens Grade Emerald typically requiring 250 lbs. per 1,000 sq. ft.
3. After backfilling the aeration holes, it is important to immediately water to reach field capacity.



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