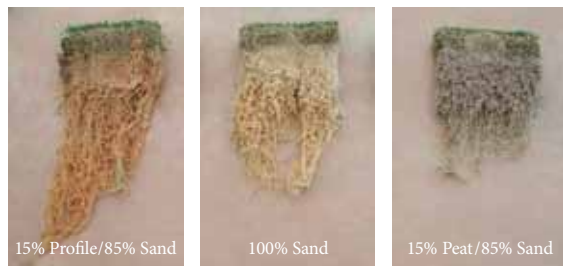


IMPROVE YOUR TOPDRESSING SAND

Pre-blended Mixes of Profile® Porous Ceramic and Sand are Now Available Through Select Distributors



1 Year, 11 Months Old A1& A4 Bentgrass Seeded Greens

USE PROFILE/SAND BLEND TO COMBAT:

- Lack of moisture or nutrient-holding capacity
- Poor drainage
- Localized dry spot
- Organic build up in the top four inches of old greens
- Shallow rooting
- Wet greens
- Algae buildup
- Wet wilt in the summer months
- Compaction in high traffic areas such as tees or paths
- Dessication of bunker banks and lips

APPLICATIONS:

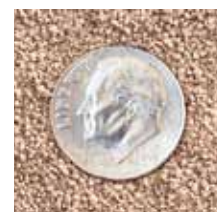
- Light/frequent topdressing
- Blended divot mix
- Backfill aerification holes on greens, tees and fairways
- Blended in soil mix for construction or renovation
- Landscaping and potted plants

BENEFITS:

- Drains faster than sand
- Retains 93% of its weight in water while increasing drainage
- Reduces organic build up
- Reduces compaction in soils
- Reduces water usage up to 20%
- Reduces fertilizer applications up to 25%
- Eliminates localized dry spots
- Dries out surface algae

FEATURES:

- CEC: 33 meg/100 g
- Very stable product, 3% degradation over 20 years
- Internal air (non-capillary) pore space, 35%
- Internal water (capillary) pore space, 39%
- Light bulk density
- Profile Bulk Density = 999 lb/cu yd
- Dry Sand Bulk Density = 2,700 lb/cu yd



All mixes use Profile® Greens Grade™ which meets USGA® particle size recommendations and is ideal for topdressing.

Dr. Ed McCoy –
The Ohio State
University

Analysis using real-
world validated, water
modeling technology

TESTED: Performance of a 15% Profile topdressing mix on sand-based greens.
Research concluded:

Long-term topdressing of USGA greens using 15% volume Profile-amended sand rather than sand alone, served to delay the onset of turfgrass drought stress by 2 days.

TESTED: Performance of a sand-based green constructed with 15% Profile by volume vs 15% Peat by volume. *Research concluded:*

In high ET situations, Profile delayed the onset of turfgrass stress/drought by 1 day. In low ET situations, Profile delayed the onset of turfgrass stress/drought by 2 days.

Which Profile Porous Ceramic Blend Do I Use?

Particle size conforms to USGA mix recommendations

CONDITION OF SOIL OR PROBLEMS	% PROFILE
Moderate levels of drainage concerns, local dry spots, compaction	50%
Mild levels of drainage concerns, local dry spots, compaction or no Profile currently in soil profile	30%
Experiencing optimum turf and soil conditions, and want to maintain current benefits	10-20%