PERFORMANCE FOOTING®
Arena Spec Sheet | Outdoor Arena

Multi-Use / Lesson Arena Sand Spec

Engineered for durability, forgiveness, and low-maintenance daily use.

Sand Specification

Specification	Recommended Range
Sand Type	Washed silica, sub-angular
Particle Size (D50)	0.25 – 0.50 mm (medium), well-graded
Gradation	Well-graded for broad rideability
Fines Content (<0.075 mm)	3% – 7% by weight
Particle Shape	Sub-angular
Hardness (Mohs)	≥ 6.5 silica
Footing Depth	3.0 – 4.0 inches
Base	Compacted stabilized aggregate, 4–6 in
Moisture Target	10% – 14% — LOCK strongly recommended
Recommended Additives	Balanced FIBR + FLEX + LOCK — the most universal blend. Arena Green™ multi-use blend on request.

Why This Spec Works

- Balanced blend handles riders of mixed skill levels safely.
- Higher LOCK reduces watering labor in busy programs.
- FIBR + FLEX combination forgives both heavy traffic and varied use.

Outdoor-Specific Considerations

- Daily grooming or twice daily under intense lesson schedules.
- Plan annual sand top-up of 5%–10% under heavy traffic.

Common Failure Modes to Avoid

- **Discipline-specific spec:** too specialized for general lesson use.

- **Skipping FIBR:** depth migrates fast under high traffic.

Need a tuned ArenaSpec™ for your facility?

Every arena is different. Climate, base condition, traffic, and discipline intensity all change the ideal blend. Request a custom ArenaSpec™ Report Card at performancefooting.com or call 877-835-0878.

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