

Eventing Arena Sand Spec

Engineered for cross-discipline versatility, recovery, and all-weather 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 durability under mixed traffic
Fines Content (<0.075 mm)	< 4% by weight
Particle Shape	Sub-angular
Hardness (Mohs)	≥ 6.5 silica
Footing Depth	3.5 – 4.5 inches
Base	Heavily compacted stabilized base with geotextile separator
Moisture Target	10% – 14% — LOCK + irrigation
Recommended Additives	FIBR for stability, FLEX for jump phase, moderate LOCK. Arena Green™ eventing blend on request.

Why This Spec Works

- Performs across flatwork, stadium, and warm-up under multi-day event traffic.
- Free-draining low-fines profile returns the arena to service quickly after rain.
- FIBR + FLEX support the variety of impact patterns eventing produces.

Outdoor-Specific Considerations

- Geotextile separation is critical — mixed traffic accelerates base contamination.
- Plan for recovery grooming between phases on event days.

Common Failure Modes to Avoid

- **Single-discipline spec:** compromises one phase to favor another.

- **High fines:** seals after rain, delays return to service.

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.

This spec sheet reflects general industry guidance for outdoor arenas built on a properly engineered base. It is not a substitute for site-specific testing. Performance Footing® and ArenaSpec™ are trademarks of Performance Footing.