

Precision moisture control from the ground up—delivering elite, all-weather footing without compromise.

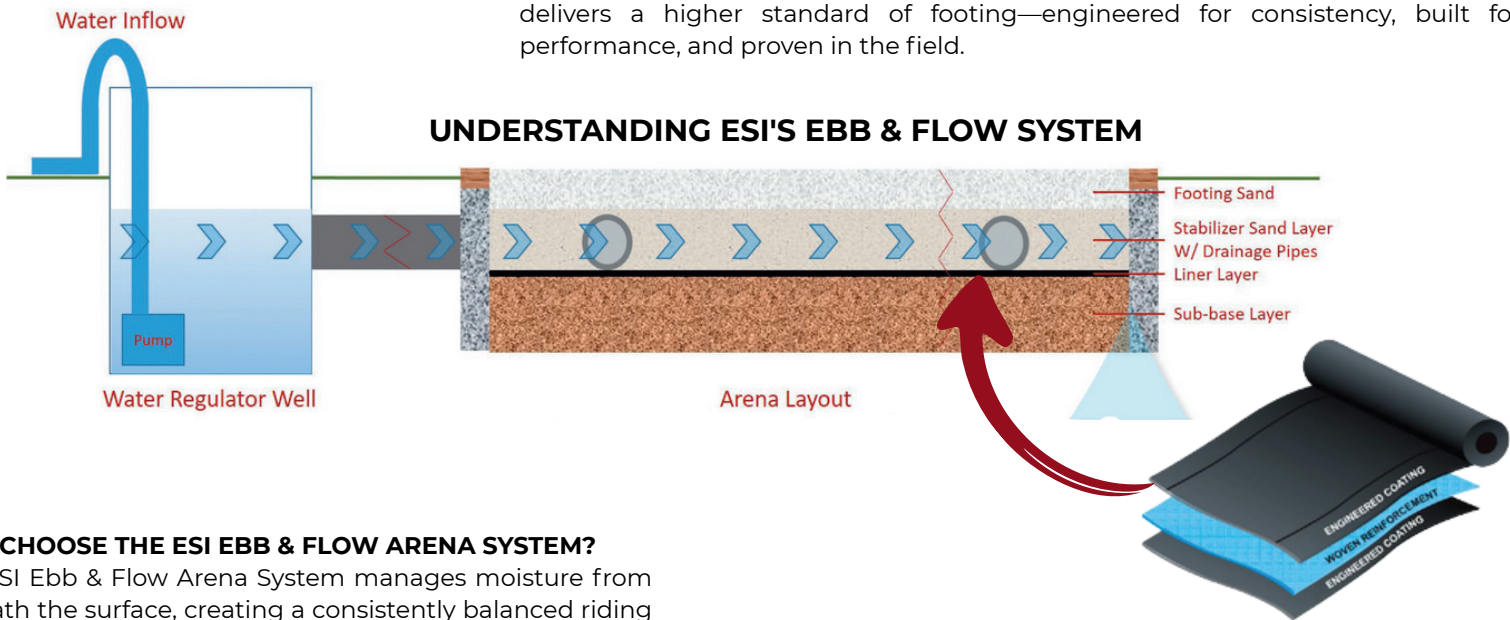
WHY CHOOSE THE ESI EBB & FLOW ARENA SYSTEM?

The ESI Ebb & Flow Arena System is built for those who demand consistency, performance, and reliability from their riding surface. By controlling moisture from the ground up, the system eliminates the variability of traditional watering methods and delivers a footing surface that performs the same—day after day.

Designed as a fully integrated system, the base and footing work together to maintain ideal moisture levels, resulting in improved stability, reduced dust, and enhanced elasticity. This creates a safer, more predictable surface for both horse and rider, whether in daily training or top-level competition.

Beyond performance, the system offers long-term efficiency. By capturing and reusing water, reducing labor, and minimizing maintenance, it provides a cost-effective solution without compromising quality.

From private facilities to elite competition venues, the ESI Ebb & Flow Arena System delivers a higher standard of footing—engineered for consistency, built for performance, and proven in the field.



WHY CHOOSE THE ESI EBB & FLOW ARENA SYSTEM?

The ESI Ebb & Flow Arena System manages moisture from beneath the surface, creating a consistently balanced riding environment without relying on overhead irrigation.

At the foundation is a welded, watertight basin fitted with specialized drainage piping, sensors, and a pump. This system actively controls the water level below the footing, allowing for precise moisture regulation at all times.

When excess water is present—such as after heavy rainfall—it is quickly captured and removed through the drainage network, then stored for future use. When the footing begins to dry, moisture is evenly redistributed from below, rising through the base to hydrate the surface uniformly.

This continuous, automated process mimics the natural ebb and flow of water, maintaining ideal footing conditions—never too wet, never too dry—with minimal manual intervention.

The ESI Ebb & Flow Arena System is a highly effective solution for all-weather riding surfaces, particularly in challenging conditions such as impermeable soils or sites located near hillsides. Engineered for performance and adaptability, it delivers reliable footing regardless of environmental constraints.

SYSTEM BENEFITS:

- Maintains consistent footing and moisture
- Provides high elasticity while reducing dust
- Delivers uniform moisture with automated control
- Handles heavy rainfall with excellent drainage
- Optimizes footing strength for performance
- Reduces hoof impact and surface disruption
- Combines base and footing into one system
- Performs well in difficult or impermeable ground
- Built with a durable, watertight basin