

# RaceTurf

## Technical Data Sheet



### PRODUCT DESCRIPTION

ThorTurf scientists have developed the industry's most technologically advanced synthetic footing for race tracks. RaceTurf is a next-generation footing that is wax-free and maintains resiliency in both hot and cold climates. More importantly, RaceTurf delivers unmatched durability for years of consistent, superior performance without the frequent need for costly replacement or reconditioning.

When tested in accordance with ASTM F3400 Standard Test Method of Functional Properties of Synthetic Artificial Equine Surfaces, RaceTurf rates "Exceptional".

RaceTurf excels at the 5 main criteria for effective race track footing:

- Cushioning
- Firmness
- Grip
- Responsiveness
- Uniformity

These criteria affect the entire riding experience including limb-loading, surface support and give, hoof movement during landing, turning, pushing off and surface consistency over time.

### BENEFITS

- **SAFETY:** RaceTurf provides better stability and less stress on the horse's legs and joints, which helps prevent soft tissue damage, lameness, and other injuries. RaceTurf reduces the amount of kickback providing additional safety to riders by reducing the potential of being struck with loose debris.
- **ALL-WEATHER SURFACE:** RaceTurf delivers an all-weather track surface resulting in fewer race delays and cancellations. RaceTurf maintains consistent cushioning, grip and responsiveness in both hot and cold temperatures. The RaceTurf Installation Specifications result in a track surface with excellent drainage.
- **REDUCED MAINTENANCE:** RaceTurf synthetic footing requires significantly

less maintenance than a dirt or grass track surface resulting in labor savings and more time on track.

### USES

- Race Tracks
- Training Tracks
- Gallops
- Round Pens
- Breeding Sheds
- And more

### CHEMICAL COMPOSITION

RaceTurf is an environmentally-friendly, non-toxic footing material consisting of select mineral aggregate, proprietary polymer dust-lock additive, and synthetic fiber.

### INSTALLATION

For detailed RaceTurf installation instructions refer to Raceturf Race Track Installation Specifications located at [ThorTurf.com](https://www.thorturf.com).

### ESTIMATING MATERIAL REQUIREMENTS

The approximate coverage rate of RaceTurf is 6.5 lbs. per square foot at one inch depth. The recommended depth is six inches [39 lbs. per square foot]. See RaceTurf calculator located at [ThorTurf.com](https://www.thorturf.com).

### WARRANTY AND DISCLAIMER

#### ThorTurf Warranty

ThorWorks warrants that the ThorTurf material shall be free of defects when shipped to purchaser. As workmanship, construction, condition of arena surface, installation equipment and maintenance equipment and procedures utilized, and conditions of use are all beyond our control, ThorWorks warrants only that the material is free of defects when it leaves the factory and any liability to the purchaser is limited to replacement value of the material only.



### THE SYNTHETIC ADVANTAGE

Synthetic Race Track Surfaces are steadily gaining traction as the preferred surface to address safety concerns for the equine athlete. Synthetic footings have a proven track record of reduced breakdowns and injuries compared to dirt and grass race track surfaces.

### BACKED BY A GLOBAL LEADER

ThorTurf is a division of ThorWorks Industries, a global leader in pavement products, coatings and sport surfacing products. ThorTurf has the resources and commitment to help move the Synthetic Surface industry forward.

*Bringing Science  
to the Surface*