

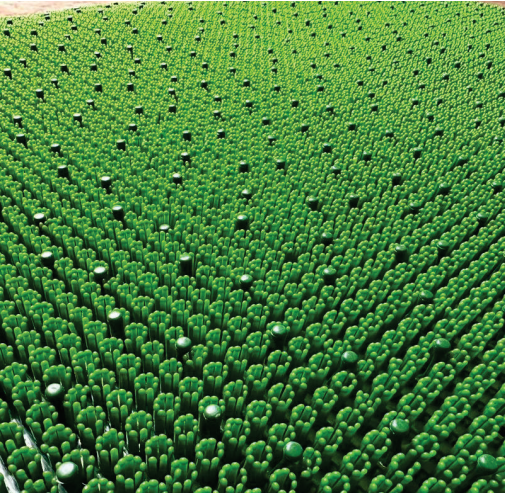
PearlSlide®

High-Speed Synthetic Sliding Surface

Maximum glide. Controlled acceleration.
Built for throughput and excitement.

PearlSlide is a high-speed synthetic sliding surface engineered for tubing runs, start gates and resort connectors where speed and flow are essential. It is designed for operators who need fast acceleration with predictable handling, even under changing outdoor conditions. PearlSlide delivers an energetic ride experience while remaining stable and manageable in daily operations.

Modular roll system with patented BulbSet-technology



Typical Applications

High-speed tubing runs	Competitive or premium slide attractions	Start gates and acceleration zones
Ski trail connectors requiring fast throughput	Adventure parks and alpine leisure installations	Intended for speed-focused zones, not for landing or beginner areas.

Material & Structural Design		
PearlSlide uses the same BulbSet-based system architecture as PearlSnow, optimized for speed.		
Surface layer	Functional geometry	Mechanical components
- PE-based high-glide surface - Designed for minimal drag and straight-line acceleration	- Upright brush structure with rounded tips - Reduces resistance while maintaining directional stability	- PA66 (nylon) bulb elements - High fatigue resistance and shape retention - No plasticizers required + stable long-term behaviour

Performance & Behaviour

Speed & Glide

- Very low rolling resistance
- Rapid acceleration from standing starts
- Optimized for straight-line glide and high throughput

Friction

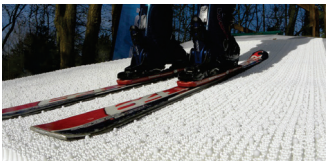
PearlSlide operates in a very low friction range, comparable to well-prepared snow used for tubing and race starts.

As with all high-speed surfaces, friction behaviour depends on moisture, temperature, rider equipment and maintenance



PEARLSLIDE IS ONE OF THE FASTEST SURFACES IN THE PEARLSNOW FAMILY

PEARLSLIDE IS DESIGNED TO STAY FAST WITHOUT BECOMING UNPREDICTABLE

Thermal & Outdoor Stability	Installation	Maintenance	Safety & Use Notes
PearlSlide is suitable for: - Indoor and outdoor installations - Temperature range approx. -20 °C to +50 °C - Direct sun exposure and seasonal operation The system is optimized to limit deformation and joint movement under thermal cycling, supporting reliable long-term use. 	- Delivery format: Modular rolls or panels - Typical sub-base: Compacted soil, sand/gravel base, prepared grass or concrete (with base layer) - Fixation concept: Mechanical fixation adapted to soil type and slope - Repairability: Individual sections can be replaced Modular roll or panel system See PearlSnow Installation Manual for full guidelines. 	PearlSlide is low-maintenance but performance-driven. - Periodic brushing and inspection - In warm or dry conditions: light misting or eco slide agent recommended - Local panel replacement possible to minimize downtime No grooming machines required. 	- Designed for tubing and controlled sliding - Not intended as a landing or fall-absorption surface - Best combined with proper run-out zones and safety design Project-specific documentation can be supplied where required 

- Very fast acceleration and high throughput
- Predictable behaviour at speed
- Modular system with easy replacement
- Outdoor-ready design for seasonal resorts
- Professional feel for premium attractions

