

PearlTile®
Precision Synthetic Snow Tiles

Maximum edge control. Professional grip. Built for elite training & competition.

PearlTile is a high-precision synthetic snow tile system developed for professional ski and snowboard training environments where grip, accuracy and repeatability are critical.

Unlike roll-based or comfort-oriented surfaces, PearlTile is engineered for advanced riders, coaches and facilities that demand uncompromised edge engagement and predictable behaviour at high speeds.



Typical Applications

Professional ski & snowboard training slopes	Freestyle jump inruns and landings	Big-air, slopestyle and park features
Slalom, carving and race training	Olympic parks and elite action-sports venues	PearlTile is intended for expert and professional use

Material & Structural Design		
PearlTile uses a monoblock tile construction, engineered as a single, high-performance polymer component.		
Monoblock tile system	3D edge geometry	High-density polymer compound
- Single-material, solid construction - No layered interfaces or weak points - Consistent performance across the entire surface	- Elevated surface profile for deep edge engagement - Realistic carving feel comparable to compact groomed snow - Precise feedback for turns, take-offs and landings	- Maintains shape under repeated high loads - Stable behaviour across wide temperature ranges - Designed for intensive, year-round use

Performance & Behaviour

Ride & Handling

- Extremely high edge control
- Fast acceleration and exit speed
- Direct feedback for technical riding
- Designed for aggressive skiing and riding

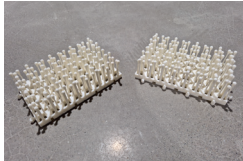
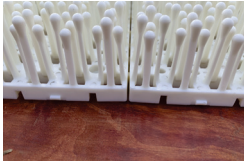
PEARLTILE PRIORITIZES PRECISION OVER FORGIVENESS

Friction & Glide (Positioning)

- Low-friction, high-grip performance
- Carving accuracy
- Slalom performance
- Jump inruns and controlled landings

GLIDE PERFORMANCE IS MAINTAINED WITH MINIMAL LUBRICATION



Impact & Load Behaviour	Installation	Maintenance	Sustainability & Lifecycle	Fully recyclable monomaterial design
- Optimized density absorbs impact during take-offs and landings - Reduces rider fatigue during extended training sessions - Maintains performance under repetitive stress 	- Installation requires a well-prepared, stable base layer - More installation time than roll-based systems - Results in superior surface accuracy and durability 	- Periodic brushing and visual inspection - Light misting or eco slide agent in warm or dry conditions - No heavy grooming equipment required 	- Eliminates snowmaking, grooming and chemical use - Reduces water, energy consumption and operational CO2 - Long service life minimizes replacement cycles 	- No separation of layers required - Simplified end-of-life recycling - Circular material recovery compared to multi-layer or POM-based systems 
✔ Maximum edge precision and carving control	✔ Designed for elite and professional riders	✔ High durability under extreme use	✔ Modular replacement minimizes downtime	✔ Olympic parks and elite action-sports venues

