



ShockPal™ Sports

The Ground for Greatness

ShockPal™ Ground Guard

The Foundation for Elite Sports Performance

Elevate your game with ShockPal™ engineered for the rigorous demands of professional and recreational sports. ShockPal™ redefines the standard for sports field underlayment. Its innovative design enhances player safety, boosts performance, and ensures the longevity of your field. Whether it's football, soccer, rugby, or multi-purpose fields, ShockPal™ provides the reliable foundation you need to build fields that perform at the highest level.

Built for champions, ShockPal™ is more than just an underlayment—it's a high-performance solution designed from the ground up. Unlike traditional turf underlayment options, ShockPal™ delivers consistent results across every project. With superior shock absorption, enhanced energy return, and customizable options, it's engineered to protect athletes while optimizing the field's playability and durability.



Key Benefits

Unmatched Consistency

Manufactured from scratch, ensuring uniform properties across every batch. This provides predictable Gmax, HIC, and other performance metrics, resulting in safer and more consistent playing surfaces.

Pure, Reliable Material

Unlike competitors who use recycled production waste, ShockPal™ is made from virgin materials, eliminating variability and ensuring consistent performance over time.

Thermal Stability

ShockPal™ is engineered to maintain its properties even under extreme temperature fluctuations, making it a reliable choice in all weather conditions.

Tailored for Your Field

Our flexible design allows for a wide range of customizations, including thickness, width, and surface patterns, ensuring the underlayment perfectly matches your project's specific needs.

Engineered For Customization

Every sports field is different, and ShockPal™'s versatility allows you to customize the underlayment to meet your exact needs. From thickness and dimensions to surface embossing patterns that improve traction and water drainage, ShockPal™ adapts to your project requirements seamlessly.

Durability That Lasts

Built to withstand the elements and heavy use, ShockPal™ ensures long-lasting performance for your field. Its durable construction minimizes wear and tear, providing a reliable solution that helps your investment stand the test of time.

Ideal Applications



Football



Soccer



Lacrosse



Baseball



Rugby



Multi-Purpose Fields

Property	ShockPal™	Standard
HIC*	1200mm 4'	ASTM F 355 - E
Gmax*	<110	ASTM F 355 - A
SA*	65-70%	FIFA TM 04
VD*	6-10mm	FIFA TM 05
ER*	<42%	EN 16717
Water Permeability	>1,000 mm/h 40 in/h	EN 12616
Horizontal Water Flow*	1%: 0.02 (l/s)/m 3%: 0.04(l/s)/m 5%: 0.05(l/s)/m	EN 12616
Thermal Stability	<1%	ASTM D 3575
Density	40-80 kg/m ³ 2.5-5 lbs/ft ³	
Thickness	6-20mm	
Format	Rolls	
Width	<2m < 80"	

*Values vary based on thickness, density, and turf system

Contact ShockPal™ for all your on-field underlayment needs

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