

Tarkett Sports

RESICORE



Trust in Toughness



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Resicore is an ultra-durable, two component Polyurethane flooring compound designed to accommodate your facility's multi-purpose, sports surfacing needs. With the availability of a 4mm, 7mm and 9mm shock pad thickness to choose from, you can tailor your surface to achieve your desired level of performance. Once the thickness has been selected, the shock pad is topped off with the 2mm two component Polyurethane choke coat layer and a self leveling Polyurethane wear coat layer for long-lasting durability.

Resicore has been engineered with the following unique benefits:

- **TDI, mercury and heavy metal free**
 - **Excellent intercoat adhesion**
 - **Quick cure rate**
 - **Ideal surface traction**
 - **Resicore is available in 4mm+2mm, 7mm+2mm and 9mm+2mm**
- A spray or roller applied moisture-cured aliphatic coating provides optimal performance characteristics and stain resistance.
 - Gamelines are meticulously applied with chemically bonded, pigmented polyurethane marking paint.
 - Specially formulated elastomeric resin gives the surface exceptional ball rebound and durability.
 - A two-component coating seals the shock pad's pores.
 - The shock pad is pre-manufactured using 100% recycled rubber and polyurethane binder.
 - High-strength polyurethane adhesive bonds padding to substrate.

Committed To Colors!

Tarkett Sports is proud to provide you with the widest assortment of colors to meet all your design needs.

Sky Blue	Teal Blue	Grey Cloud	Tropical Green	Sand
Pool Blue	Midnight Blue	Grey Smoke	Garden Green	Tan
Blue Jay	Aqua	Storm Grey	Forest Green	Smoothie
Deep Blue	Red	Black	Violet	Desert
Coastal Blue	Red Rub	Orange	Purple	Gold



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The One-Stop-Shop for Sports Surfacing Solutions

Tarkett Sports, the largest and most reliable entity in the sports surfacing industry works closely with you in order to provide a customized solution for any and all your sports surfacing needs. The Tarkett Sports surfacing range includes traditional and innovative hardwood and synthetic basketball, volleyball and multi-purpose gymnasium courts, weight room and floor protection systems, indoor and outdoor running tracks and its world-renowned FieldTurf brand of artificial turf.

The Tarkett Group, established in 1886 and now with over \$2.5 billion in annual sales, contributes to Tarkett Sports' reputation as the most financially stable and trusted indoor sports surfacing company on the planet. As the global leader in sports, residential and commercial flooring, Tarkett's 28 international production sites allow it to serve its customers in over 100 countries, producing over 10,000,000 square feet of flooring per day, enough to cover 125 football fields!

Customized to Your Needs

At Tarkett Sports we understand that no two athletic facilities are the same, which is why we have never settled for a one-size fits all approach to our sports surfacing systems. Whether we are catering to the unique demands of the facility, the athlete, or both, our synthetic systems can be tailored to support a variety of construction and performance requirements. With 3 standard thickness options of Resicore subsurface padding to choose from and the ability to create custom thicknesses, we can design and install the right Resicore solution to meet your needs. With a fully dedicated technical support team standing by, you can be sure to receive guidance and assistance before, during and after your new floor is installed.

Built to Last

Our Resicore surfaces are constructed out of the finest, most durable materials. Our commitment to creating long lasting products with low life cycle costs is a benchmark our Research and Development teams are devoted to. We recognize the importance of meticulous quality control at every stage of production, delivery and installation. This quality assurance ensures that each surface we develop will perform just as well today as it will far into the future.

Easy Maintenance

Our multi-purpose PU systems require no waxing or stripping. The ease of maintenance reduces water and chemical consumption. In fact, simple dust mopping and periodic automatic scrubbing will do. Plus, each surface is finished with a stain and fade-resistant UV stabilized coating to keep your surface looking good year after year.

Certified Installers

Only factory trained and seasoned flooring mechanics are permitted to install Resicore. By ensuring a high quality installation job, your Resicore surface will successfully perform as expected for many years to come.

Respect for the Environment

All Tarkett Sports surfaces are developed, produced and installed with a concentration on sustainability and a commitment to protecting the environment, providing additional LEED contribution opportunities for customers. The company calls this focus on sustainability and the environment 'Environmental Intelligence' and all company personnel strive to exemplify this philosophy in all aspects of the business. Resicore utilizes new technologies such as bio-based materials and recycled rubbers to reduce petroleum consumption while contributing to LEED credits.



Typical Physical Characteristics of System Components:

Properties	Standards	Resicore Base Mat + Wear Coat + Top Coat		
Base Mat Properties				
Width		59"		
Length		82 lin. ft		
Weight		1.2 lb/sq ft		
Density	ASTM D297	.67 min (g/cm)		
Tensile Strength	ASTM D412	88 psi (Die Cast C)		
Elongation	ASTM D412	48.5% (Die Cast C)		
Compression	ASTM F36	@50 psi - 87 %	@100 psi - 91%	@200 psi - 91%
Tear Strength	ASTM D624	30 PPI Die C		
Flexibility	ASTM F147	0-1		
Compression Set B	ASTM D395	37% (25% deflection 158°F/22hrs)		
Compression Set B	ASTM D395	26% (50% deflection 158°F/22hrs)		
2mm Wear Coat Properties				
Shore Hardness	Shore A	75		
Tensile Strength	ASTM D412	1548 psi		
Elongation	ASTM D412	100%		
Tear Strength	ASTM D624	122 PLI		
Color Top Coat Properties Low VOC				
Tensile Strength	ASTM D412	4157 +/-		
Coefficient of Friction	ASTM D1894	Static 1.15 Kinetic 1.45		
Taber Abrasion H-18	ASTM C501	1000 cycles - .062 mg/cycle		
Color Top Coat Properties Standard				
Tensile Strength	ASTM D412	3800 +/-		
Coefficient of Friction	ASTM D1894	Static 1.00 Kinetic 1.15		
Taber Abrasion H-18	ASTM C501	1000 cycles - .04 mg/cycle		
Sports Characteristics				
Overall Thickness		4+2 (6mm)	7+2 (9mm)	9+2 (11mm)
Shock Absorption	ASTM F2772	Category 1	Category 2	Category 2
Vertical Deformation	EN 14808	.7 mm	1.0 mm	1.1 mm
Ball Bounce	ASTM F2772	>90%	>90%	>90%
Installation on Tarkolay	YES	Up to 12 lbs		

Compatible Substrates: Properly constructed and prepared Concrete, Wood, Asphalt, and Cementitious Underlayments.

Refer to current installation guidelines, ASTM F710, ACI 302.2R, and other industry standard recommendations for more information.

We reserve the right to modify these specifications without affecting their compliance with standards. Some results may slightly vary in relation to certain flexibilities found within specified testing procedures and manufacturing tolerances.

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