

oncourt

SUPER X

The Ultimate Court Surface



Meets FIBA
Basketball
standards



FIBA

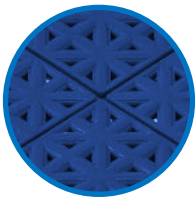
We Are Basketball



ELEVATING SPORTS PERFORMANCE WITH UNMATCHED INNOVATION

The ZSXA01 interlocking modular sports tile isn't just a surface; it's a game-changer. Certified to meet FIBA's rigorous Level 1 requirements for 3x3 basketball courts, it stands as a testament to advanced engineering, ensuring elite athletic performance, safety, and durability.

KEY ADVANTAGES



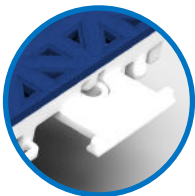
High-Traction Textured Surface:

Designed for elite-level grip and control, our anti-glare, skin-textured surface maximizes friction and slip resistance, delivering superior foot stability and quick, explosive movements in any weather.



Durable, High-Rebound Construction:

Built with a dual-layer, high-density polymer base, this court delivers consistent ball response and elite-level playability, ensuring professional-grade performance with every bounce.



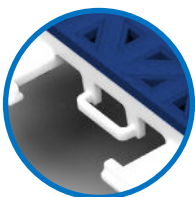
Precision Interlocking Mechanism:

Our ultra-secure elastic joint system ensures a tight, seamless fit between tiles, delivering rock-solid court integrity with rapid, tool-free installation for a professional finish.



Rounded Corners:

Designed to reduce wear and tear on edges for a longer lifespan.



Advanced Expansion & Contraction System :

Engineered with precision, our elastic arms, struts, and retractable sheets ensure seamless adaptability to temperature changes, eliminating bulging and cracking. This guarantees a stable, high-performance playing surface in all conditions.



Elite Shock-Absorbing Support System:

Reinforced with 32 high-resilience elastic cushions, the structure provides unmatched impact absorption, reducing strain on joints and enhancing player comfort, even in the most intense gameplay.



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PROFESSIONAL PERFORMANCE



- **Optimal Force Reduction (33%):**

Provides just the right amount of cushioning to protect athletes' joints during dynamic movements like jumping and sprinting.

Uniform force reduction ($\pm 1\%$) across the surface ensures consistent performance, far surpassing the allowable variation of $\pm 5\%$. This ensures every step feels the same, boosting player confidence and reducing injury risks.

- **Exceptional Ball Rebound (96%):**

Rebounds almost as high as on concrete (minimum required: 90%), delivering the responsiveness professional athletes need for precision play.

Uniformity in ball bounce ($\pm 1\%$) exceeds the stringent standard of $\pm 3\%$, meaning no dead spots—perfect for competitive matches.

- **Slip Resistance for All Conditions:**

Achieved outstanding dry slip resistance (96) and impressive wet slip resistance (76), both within the safe, high-traction range (55–110). Players can make sharp cuts and sudden stops with confidence, even in damp conditions.

- **Precision Court Markings:**

Achieved exacting compliance with dimensional tolerances ($\pm 5\text{mm}$), ensuring courts are tournament-ready out of the box.

- **Unmatched Durability:**

Wear resistance tested at an extraordinary 183mg, well below the maximum 1,000mg threshold. This ensures the tiles can withstand high-traffic areas like the three-point line without losing integrity.

Assembly/disassembly tests showed no visible deterioration after 50 cycles, proving it can endure frequent setup and takedown.

- **UV and Weather Resistance:**

Engineered for extreme conditions, the ZSXA01 tile is fully UV-resistant and weatherproof, ensuring no cracking, fading, or degradation even under prolonged exposure to sunlight, rain, and temperature fluctuations—built to perform season after season.

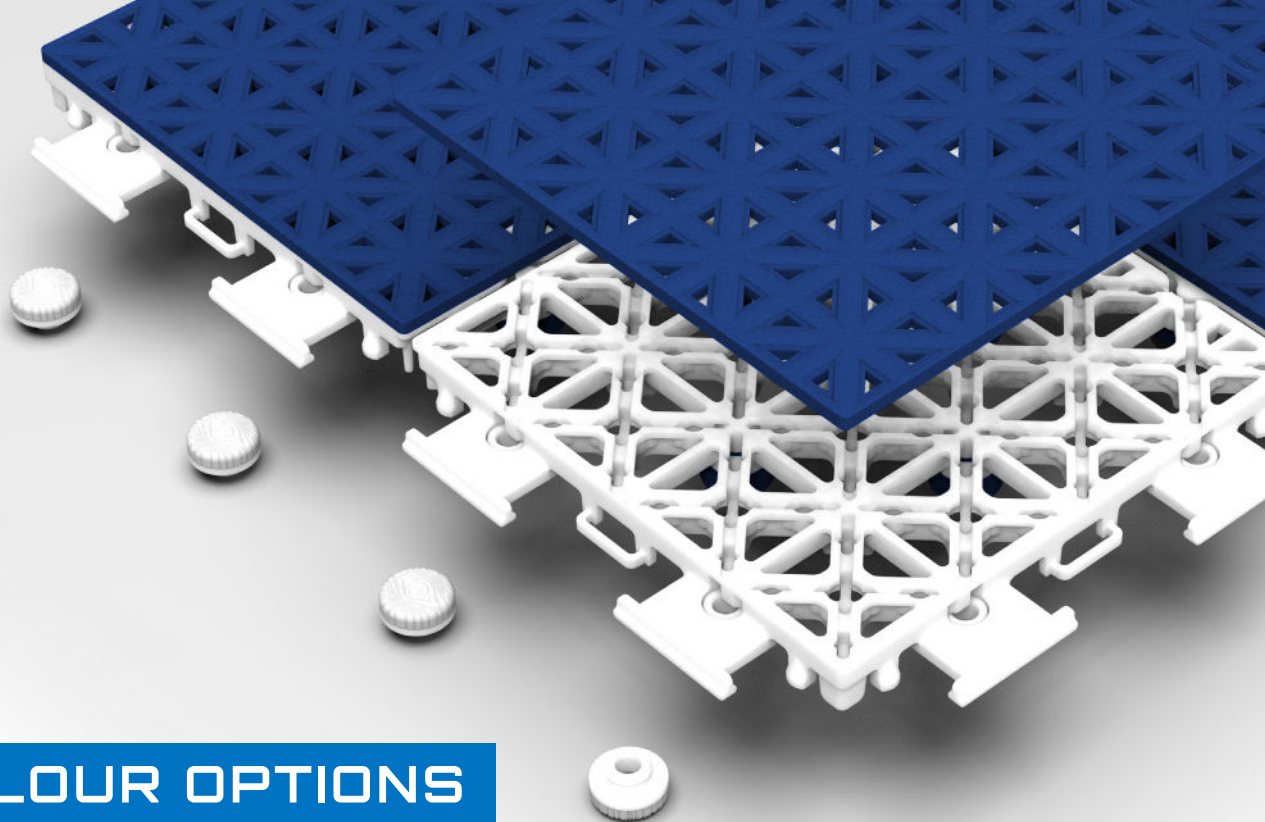
- **Superior Dimensional Stability:**

Changes in length due to water, freezing, or drying conditions averaged just ± 0.03 – 0.38% , a negligible impact that demonstrates exceptional resistance to environmental stressors.

- **Eco-Friendly Water Permeability:**

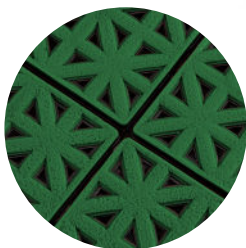
Surpasses permeability requirements, allowing rainwater to drain efficiently and keeping the court playable even after heavy downpours.



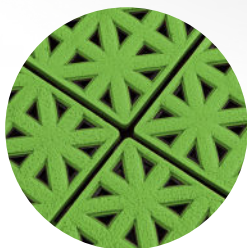


COLOUR OPTIONS

Available in a wide range of vibrant colours to suit aesthetic preferences, including:



Forest Green



Lime Green



Lemon Yellow



Sand



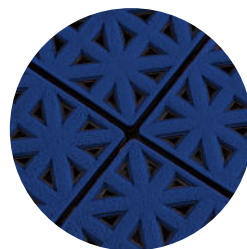
Orange



Cherry Red



Purple



Trinidad Blue



Sky Blue



Wind Grey



Graphite Grey



Knight Black



HOW DO SUPER X TILES MEET FIBA STANDARDS?

- **Ball Rebound (96%, exceeding the 90% requirement):**

Super X tiles deliver exceptional ball rebound performance, rivaling professional-grade surfaces like hardwood courts while offering the versatility and resilience of a modular system. Players experience consistent ball behavior, critical for competitive play, unlike traditional outdoor surfaces like asphalt or rubber, where bounce can vary due to wear or unevenness.

- **Slip Resistance (96 dry, 76 wet):**

These tiles excel in providing optimal grip across all conditions. Whether indoors or outdoors, players benefit from superior traction, minimizing the risk of slipping during fast-paced movements. This performance surpasses polished indoor surfaces (like untreated hardwood) in grip and provides superior safety compared to asphalt or concrete, which can become dangerously slick in outdoor conditions.

- **Force Reduction (33%, within the 25–75% range):**

Super X tiles are designed to deliver a balanced playing experience. The 33% cushioning reduces joint stress compared to harder surfaces like concrete or asphalt, making it ideal for repetitive play and intense training. At the same time, the firmer feel provides excellent energy return for competitive performance, offering a middle ground between cushioned rubber floors and rigid traditional surfaces.

- **Durability (Exceptional wear resistance):**

Built to withstand heavy use, Super X tiles handle high-impact areas, such as under hoops or in high-traffic zones, without degrading. Unlike hardwood or painted concrete, which require frequent maintenance or refinishing, these tiles maintain their appearance and performance for years, making them a cost-effective and reliable choice for any court setting.

- **Water Permeability (Fully permeable):**

Unlike indoor-only surfaces like hardwood or synthetic vinyl, Super X tiles handle rain effortlessly, with rapid drainage ensuring minimal downtime after wet weather. While water pooling can render concrete or asphalt unplayable for hours, Super X tiles are ready for action in minutes, giving them a unique advantage in outdoor environments.

WHY CHOOSE SUPER X TILES?

Super X tiles outperform traditional court surfaces like hardwood, asphalt, and polyurethane in critical areas like durability, safety, and maintenance, while providing the adaptability and cost efficiency of an interlocking system. Whether for indoor gyms, recreational facilities, or outdoor courts, Super X tiles offer the ultimate blend of performance, resilience, and versatility—making them the best all-around option for any sports court application.



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WHY SPORTS TILES ARE THE SUPERIOR CHOICE FOR ANY COURT

Sports tiles set the gold standard for outdoor and indoor sports surfaces, offering unmatched safety, aesthetics, and performance. Compared to traditional options like wet pour surfaces, asphalt, or concrete, sports tiles provide several critical advantages.

Their elevated lattice design ensures rapid drainage, eliminating puddles and making courts playable even after heavy rainfall. The engineered surface minimizes skin abrasions during falls, significantly improving player safety. Additionally, advanced impact attenuation technology mimics the spring-like responsiveness

of premium timber gymnasium floors, delivering superior shock absorption and reducing strain on joints.

Beyond functionality, sports tiles are visually appealing, available in a variety of colors and patterns to complement any environment. They are also exceptionally durable, able to withstand heavy use while maintaining their performance characteristics over time.

Whether for basketball, tennis, futsal, pickleball, or multi-sport facilities, sports tiles offer the perfect balance of safety, comfort, durability, and style, making them the smartest all-around choice for any surface.



TRANSFORM YOUR SPACE WITH MODULAR SPORTS TILES

Looking to upgrade your home basketball court, resurface your tennis court, or build a state-of-the-art recreational space? Our interlocking modular sports tiles are the ultimate solution for creating high-performance athletic surfaces at home or in shared spaces like MUGAs (Multi-Use Games Areas).

Designed for versatility, these tiles provide unmatched durability, impact absorption, and slip resistance, making them ideal for sports courts or even lifestyle improvements like a backyard sports retreat. Whether you're playing games to stay fit or renovating to elevate your home,

these surfaces combine functionality with aesthetics, creating spaces you'll love to use.

With quick installation and easy maintenance, our tiles are perfect for home renovations that focus on health, fitness, and play. Studies show that investing in spaces for recreational activity not only improves physical well-being but also enhances family bonding and overall lifestyle satisfaction.

Upgrade your game. Upgrade your home. Explore the best in sports tiles and see why modular flooring is the future of fitness and fun.



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WHERE CAN I INSTALL SUPER X MODULAR SPORTS TILES?

Understanding the Importance of Flat Surfaces for Modular Sports Tiles.

Modular sports tiles perform best on flat, smooth surfaces such as concrete slabs, asphalt, or paving slabs, as uneven or cracked bases can compromise stability and safety. Flatness deviations of less than 5mm within a 3-meter radius are ideal, though slightly greater variation will not impact performance if the surface is free from bumps, dips, or frost damage.

Uniform slopes for drainage are acceptable, but ensure sub-bases are compacted, repaired, and stabilized with edging to prevent shifting or settling over time. Preparing a high-quality base ensures long-term durability, player safety, and optimal court performance. Professional consultation is recommended for larger installations.



**CONCRETE SLAB
(OPTIONAL REINFORCEMENTS)**

COMPACTED AGGREGATES

GROUND/EARTH



ASPHALT/TARMAC

COMPACTED AGGREGATES

GROUND/EARTH



PAVING SLABS

SHARP SAND (OPTIONAL CEMENT)

COMPACTED AGGREGATES

GROUND/EARTH



SAFETY DATA SHEET

ATTRIBUTE

Size	304.8 x 304.8 x 20.1mm
Weight	626grams per piece
Thickness	20.1mm Total. Includes: 4mm top thermoplastic elastomer layer + 16.1mm consisting of modified polypropylene core + bottom thermoplastic elastomer cushions
Impact Reduction	33% (Force Reduction)
Slip Resistance (Dry)	96 (Value Range: $\geq 80 \leq 110$)
Slip Resistance (Wet)	76 (Value Range: $\geq 55 \leq 110$)
Ball Rebound	96% (Uniformity $\pm 1\%$)
Vertical Deformation	1.7mm (Uniformity $+0.3\text{mm}$)
Resistance to Wear	183 mg ($\leq 1,000$ mg)
UV Resistance	No visible cracking pre-weathering
Dimensional Stability	$\leq 0.38\%$ variation under various conditions
Water Permeability	Fully Permeable surface
Assembly/ Disassembly Durability	No visible deterioration after 50 cycles
Surface Profile	Point-elastic with interlocking design
Maintenance	Resistant to wear and durable under regular use; no UV-induced cracking pre-weathering
Certifications	Meets FIBA Level 1 requirements for 3x3 and outdoor basketball equipment



ELASTIC GRID UNITY 2	Entry-level	10 Years	25% Impact Reduction	Good Traction	Affordable
ELASTIC PRO II	Mid-Tier	10 Years	29% Impact Reduction	High Slip Resistance	Best Value
SUPER SOFT	High-Tier	10 Years	48% Impact Reduction	High Slip Resistance	Comfort Focused
ELITE X	Premium	15 Years	30% Impact Reduction	Superior Grip	Premium Quality
SUPER X	Top-Tier	15 Years	33% Impact Reduction	Elite Performance	Best in Class



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