

At Robbins, everything we make is built to last.

Owned & Operated in



Your selection of a Robbins floor means more than a simple purchase.

It represents a decision that will affect your facility for decades.

About Robbins Sports Surfaces:



Robbins Sports Surfaces is the premier supplier of high performance maple and synthetic sports flooring systems to the professional, collegiate, arena, education, religious, and fitness markets. In more than 65 nations around the world, athletes compete and practice on millions of square feet of Robbins sports floors. Professionals and amateurs alike know when they play on a high performance Robbins system, they'll be able to play at peak levels, safely and comfortably.

Robbins employees strongly uphold their corporate values which are; Do the Right Thing, YOU Matter, Ever-forward, and Professionalism.

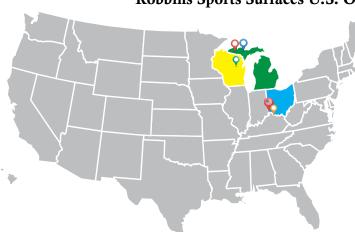
Robbins offers custom designed floor solutions for activities ranging from ballet to basketball, for the youngest participant to the most experienced athlete or performer. Robbins passion and purpose is to design and deliver sports flooring systems for the benefit of the user and owner through: Enhanced Safety, Increased Comfort, Reduced Fatigue, Fantastic Game Play Response, and Low Total Cost of Ownership.

Delivering on this passion has led to more than 25 patents over the years. Robbins is the only manufacturer with a full time Research & Product Development staff, and has collaborated for more than 20 years with world renowned biomechanics researcher, Dr. Benno Nigg, of the Human Performance Laboratory at the University of Calgary. Robbins unique capability and understanding of the biomechanical interaction between athlete and floor have recently led to new designs that reduce vibration and increase uniformity of play characteristics, all of which improve performance, comfort, and safety.

Robbins Sports Surfaces Northern Hard Maple flooring is proud to be 100% made in the USA. From the lumber we purchase, to our manufacturing facilities in Wisconsin and Michigan, consumers can be assured Robbins produces the highest quality

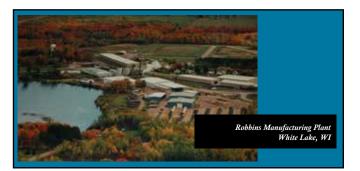
American made hardwood flooring, with American value.

Robbins Sports Surfaces U.S. Operation Locations



LEGEND KEY

- U.S. Corporate Headquarters in Cincinnati, OH
- Robbins White Lake, WI Hardwood Mill
- Robbins Ishpeming, MI Hardwood Mill
- Newtown, OH Distribution Center





ENVIRONMENTAL STATEMENT

Sustainability and being a good neighbor are key components of Robbins Corporate Mission. At Robbins, our mills are an integral part of the community that not only provide jobs, but also purchase local resources and generate sustainable energy. We apply sustainability principles to our manufacturing and business practices. From research and design to procurement, distribution and installation of products and services worldwide, we strive to conserve resources, responsibly use lumber and other raw materials, incorporate recycled materials, and reduce our impact on the environment within the context and conscience of our business.



Maximizing LEED Credit Contributions with Robbins: Quick Reference for Specifiers and Consultants

MR 4: Recycled Content

Pulastic and Strata Sport synthetic floor systems

Hardwood systems featuring recycled shockpad options such as Bio-Cushion, Sportwood Ultra Star and Bio-Channel Star Galaxy series weight room systems

MR 5: Regional Materials

Hardwood projects within 500 miles of Robbins mills located at White Lake, WI (54491), and Ishpeming, MI (49849) Pulastic and Strata Sport projects within 500 miles of Lebanon, PA (17042), and Marion, OH (43302)

MR 6: Rapidly Renewable Materials

Pulastic and Strata Sport synthetic floor systems

MR 7: Certified Wood

Robbins FSC certified hardwood. FSC Cert# FSC-C002923

IEQ 4.1: Low-Emitting Materials – Adhesives and Sealant

Compliant adhesive. Consult Authorized Robbins Dealer

IEQ 4.2: Low-Emitting Materials – Paints and Coatings

Compliant paints and coatings. Consult Authorized Robbins Dealer and/or MFMA approved finish manufacturer Robbins Sportwood Systems, water based finish compatible

IEQ 4.3: Low-Emitting Materials – Flooring Systems

All unfinished Robbins hardwood flooring qualifies for credit with compliant adhesive, paint, sealer and finish.

Robbins Pulastic systems meet the testing and product requirements of the California Department of Health Services Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers. (CA Section 01350)

IEQ credit 4.4: Low-Emitting Materials - Composite Wood and Agrifiber Products

Sheathing components supplied by Robbins are exterior grade and have no added urea-formaldehyde resin

Robbins, Inc. is a longtime member of the United States Green Building Council (USGBC). Robbins, Inc is also Forest Stewardship Council (FSC®) certified. Look for FSC® certified products available to purchase on most Robbins hardwood flooring systems.







onsible forestry

ROBBINS DEALER NETWORK

Along with our employees, our most valuable assets are our partners in the *Robbins Dealer Network*. These highly trained specialty flooring contractors work hand in hand with Robbins to educate our customers on the benefits of high performance sports flooring. Authorized Robbins Dealers are committed to staying up to date with the latest in quality installation practices and product information. In addition, Robbins and the *Maple Flooring Manufacturers Association (MFMA)* offer an accredited installer certification program to ensure Robbins sports floors are installed to the highest quality standards. Our *Dealer Network* spans across six continents and 65 countries.

Count on your local Robbins dealer for installation, renovation and maintenance of new and existing athletic and recreational flooring systems. Areas of specialty for athletic or recreational sports facilities include running tracks, gymnasiums, cardio-fitness, recreational sports, and weight rooms. Areas of specialty for commercial buildings include hallways, mezzanine areas, locker rooms, and rest-rooms. Most Robbins dealers also specialize in the installation of performing arts floor systems for areas such as performance stages, theaters, rehearsal spaces, and studios.



COVERING THE WORLD, ONE SPORTS FLOOR AT A TIME

In addition to the installation of a new sports floor, Robbins dealers also specialize in the following services:

- Annual recoating and maintenance
- Refinishing and new graphics
- Repair to water damaged floors from flooding and other natural disasters

Visit our website to locate a Robbins authorized dealer in your area: www.robbinsfloor.com/locate-a-dealer





Robbins III SPORTS SURFACES

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Athletes Exceed Expectations with Robbins Anchored Resilient Floors...

Robbins anchored resilient gym floor systems combine the benefits of both anchored floor systems and floating floor systems. These floors are typically affixed to the substrate with an anchor spike to provide **dimensional stability**, and includes padding for **resiliency** and **comfort** to the end user. These floors are the finest systems offered by Robbins, and have a long standing reputation for quality and performance. Robbins anchored resilient gym floors can be used for basketball courts, volleyball courts, dance studios, fitness, gymnasiums, and other multi-purpose applications.



Robbins Anchored Resilient Floors Features:

- Resiliency for excellent athletic cushioning and support
- Stability for maintaining the condition and playability of the floor
- Fine Tuning for various activities, budget, and facility needs with multiple pad and subfloor options

Robbins Anchored Systems: Quick Reference Chart

Resiliency		Subflo	Subfloor Construction			Certifications			suc		
System Name	Zero/G® Pad	Individual Rubber Pad	Laminated Panel	Sleeper	Continuous	Pre-manufactured Panel	DIN 📵	MFMA PUR.	FIBA	FSC® Certified Available	Alternative System Construction Options
Air-Channel Star without Subfloor											
Air-Channel Star with Subfloor											
Air-Channel Classic without Subfloor				2							
Air-Channel Classic with Subfloor											
Bio-Channel Classic											
Bio-Channel Classic with Sportwood											
Bio-Channel SB	()				<u></u>			<u></u>			
Bio-Channel Star					3	3		3			
Bio-Channel LP Star	③				3						
Bio-Channel LP											
Eclipse								3			
Eclipse SB											
MVP											

^{*}Disclaimer: The above product chart is for reference only. Certifications and system components may change based on customer preference and facility requirements. Consult your dealer or Robbins representative for details concerning floor system specifications and certification compliancy.

Vibration Damping NBA & NCAA Floor System

MVP®

U.S. Patent# 7,694,480

The most innovative design on the market...

Why choose MVP?

Only the MVP by Robbins is tuned specifically to take your athletic performance, safety and comfort to maximum levels. This **UNIQUE** one-of-a-kind floor system is like no other sports floor design!

Independent research by human performance/biomechanics expert, Dr. Benno Nigg at the University of Calgary, shows that the MVP system is "in a special category by itself" and the difference in MVP "was substantial with respect to damping time, vibration frequency, and uniformity".





PRODUCT SPECIFICATIONS

No other floor system compares with MVP's PERFORMANCE and VIBRATION PROTECTION.

System Type	Anchored Resilient Panel
System Height	2 5%" (67mm) with ½" (13mm) maple 2 7%" (73mm) with 25/32" (20mm) maple 3 1/8" (79mm) with 33/32"(26mm) maple
Surface: MFMA Northern Hard Maple	Robbins Continuous Strip® XL (FJ) or Random Length (RL)
Exceeds ALL Industry Standards	MFMA PUR DIN 18032 part 2 2001 DIN 18032 part 2 1991 ASTM F2772-09 FIBA Level 1 Competition EN 14904 Type 4
Anchorage	Anchor Spike and Retainer
Subfloor Construction	1 layer of nominal 3/8" x 24" x 96" (9mm x 60cm x 2438mm), Exposure 1, structural rated sheathing
Resiliency	Fully laminated MVP panel with built in resilient layer
Available Accessories	Gym Floor Cover, Concrete Moisture Barrier, Floor Cleaner

REFERENCE INSTALLATIONS:

Chicago Bulls
Minnesota Timberwolves
Drake University
Hilldale College
Oregon State University
University of South Carolina
Texas A&M
Rushforth Hasselwood YMCA

New Orleans Pelicans
University of Dayton
Creighton University
Calvin College
University of Iowa
George Washington University
Southern Methodist University
Robert Lee YMCA



Bio-Channel® Star

U.S. Patent# 5,465,548

Robbins best selling anchored resilient floor system on the market, **BIO-CHANNEL STAR**, incorporates both design and performance to meet and exceed ALL performance standards **WORLDWIDE!**

Robbins has redefined uniformity and performance by improving the Bio-Channel Star system to pass ALL global performance standards worldwide, including the stringent MFMA 3rd party certification, PUR, which is strongly governed by the MFMA. PUR was designed utilizing exacting testing methodologies, to ensure that customers receive a reliable, well performing, competitive sports surface. Bio-Channel Star is great for new construction and facility renovation.



- Improved shock absorption and ball bounce for better player performance
- Improved comfort and vibration damping / control through continuous subfloor and continuous resilient pad
- Anchored subfloor interwoven design perfect for heavy loads and lateral movement to reduce stress, maintaining structural integrity
- O Computer-assisted manufacturing technology for quality assurance



REFERENCE INSTALLATIONS:

Gonzaga University
Grand Canyon University
University of Alabama

University of Iowa Texas A&M Kennesaw State U

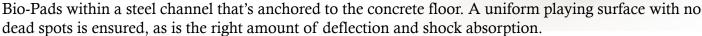
System Type	Anchored Resilient Panel
System Height	2 ½" (54mm) with 25/32" (20mm) maple 2 ¾" (60mm) with 33/32" (26mm) maple
Surface: MFMA Northern Hard Maple	Robbins Continuous Strip® XL (FJ) or Random Length (RL)
Exceeds ALL Industry Standards	MFMA PUR DIN 18032 part 2 2001 DIN 18032 part 2 1991 ASTM F2772-09 FIBA Level 1 Competition EN 14904 Type 4
Anchorage	Anchor Spike with Metal Channel
Subfloor Construction	Subfloor sheathing featuring factory prepared anchor slots
Resilience Layer	%16" (14mm) profiled Zero/G Shock Pad
Available Accessories	Gym Floor Cover, Concrete Moisture Barrier, Floor Cleaner

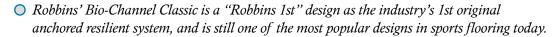


Bio-Channel® Classic

Bio-Channel Classic is the proven choice for high performance basketball facilities. The Bio-Channel installation list is a who's who of top NCAA and NBA performance courts and training centers. Programs such as Indiana, Kentucky, Duke, the Wizards and Lakers have relied on Bio-Channel for years to provide a solid performing foundation. Bio-Channel is a proven choice for large school arena environments where the floor must meet the performance demands of players as well as withstand temporary loading from stages or scissor lifts. Bio-Channel is also a great choice for renovation projects with concrete planarity problems.

Bio-Channel Classic combines the structural and dimensional stability of anchored flooring systems with the safety and comfort of resilient sports flooring. A plywood sleeper floats on 7/16" (11mm)





- Ocontinuous steel encased sleepers are anchored to the concrete substrate for superior stability and dead-spot reduction.
- Bio-Channel Classic offers the industry's 1st and best shimmable anchored resilient sleeper that acts as a leveling mechanism for uneven concrete.



REFERENCE INSTALLATIONS:

Orlando Magic UCLA, Pauley Pavilion Brooklyn Nets University of Michigan University of Connecticut Cleveland Cavaliers Auburn University University of Kentucky

System Type	Anchored Resilient Panel
System Height	3" (76mm) with 25/32" (20mm) maple 3 ¼" (83mm) with 33/32" (26mm) maple
Surface: MFMA Northern Hard Maple	Robbins Continuous Strip® XL (FJ) or Random Length (RL)
Anchorage	Anchor Spike or Tapcon
Subfloor Construction	1 layer of continuous nominal exposure 1 structural rated sheathing
Sleeper & Resilient Pad	Factory assembled steel-encased padded sleeper. Pads are 7/16" (11mm) double trapezoidal EPDM rubber with reverse cavity and tabbed for attachment. Lower and upper surfaces are non-coextensive.
Available Accessories	Gym Floor Cover, Concrete Moisture Barrier, Floor Cleaner



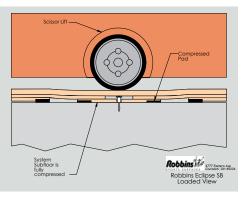
Eclipse® SB

If your floor may be subjected to heavy loads, the Eclipse SB system is for you. Eclipse SB takes the standard Eclipse system and adds a floor load handling feature. The "SB" stands for "Self Blocking". This limits the overall deflection of the subfloor during heavy loads. Essentially, the resilient subfloor is designed to "bottom out" on the concrete slab during excessive loading from bleachers, portable basketball goals, and heavy equipment. However, the system performs like the standard Eclipse system during athletic play. In addition, Eclipse was the first sports floor that is 3rd party certified to exceed all industry standards worldwide!





View of heavy load equipment on Eclipse SB floor system. Shows self-blocking compression of Bio-Pad to prevent damage to the floor.



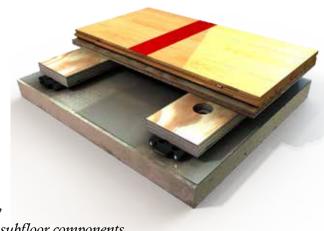
System Type	Anchored Resilient Panel
System Height	2" (51mm) with 25/32" (20mm) maple 2 1/4" (57mm) with 33/32" (26mm) maple
Surface: MFMA Northern Hard Maple	Robbins Continuous Strip® XL (FJ) or Random Length (RL)
Exceeds ALL Industry Standards	MFMA PUR DIN 18032 part 2 2001 DIN 18032 part 2 1991 ASTM F2772-09 FIBA Level 1 Competition EN 14904 Type 4
Anchorage	Standard Drilled Anchor Pin / Anti-Squeak Sleeve
Subfloor Construction	Double Layer Plywood Nominal Panels
Resilience Layer	Bio-Sport II Pad
Optional Construction	Floating Panel System
Available Accessories	Gym Floor Cover, Concrete Moisture Barrier, Floor Cleaner



Air-Channel® Star

Robbins Air-Channel Star system features anchored engineered sleepers that provide dimensional stability and superior performance. The Air-Channel Star sleepers are engineered to be less susceptible to physical changes due to moisture, compared to solid softwood sleepers. Air-Channel Star is a proven performer and an excellent choice for your gymnasium project.

- Wide-body, low-profile, engineered sleeper anchored uniformly to concrete substrate for enhanced stability
- 7/8" (22mm) plywood sleeper enhances performance, flexibility and uniformity to provide dramatic improvement over softwood subfloor components
- O Continuous subfloor provides uniformity and strength for large bleacher loads and portable backstops
- Patented "Posi-Anchor™" built-in depth stop prevents shockpad over-compression, providing uniformity and stability
- 7/16" (11mm) resilient EPDM Bio-PadTM for shock absorption and vibration control
- DIN-certified, meets or exceeds all six DIN 18032-2 criteria for ball bounce, shock absorption, deflection, area of deflection, rolling load and surface friction







REFERENCE INSTALLATIONS:

Oklahoma University University of Mississippi Trump Tower- Panama Robert F. Kennedy HS University of Illinois Herbert Hoover MS Texas A&M Tacoma YMCA

System Type	Anchored Resilient Sleeper
System Height	2 ½" (64mm) with 25/32" (20mm) maple 2 ¾" (70mm) with 33/32" (26mm) maple
Surface: MFMA Northern Hard Maple	Robbins Continuous Strip® XL (FJ) or Random Length (RL)
Anchorage	Concrete Anchor and Sleeve
Subfloor Construction	%" (22mm) Thick Engineered Sleeper
Resilient Pad	⁷ / ₁₆ " (11mm) Resilient Pad
Certifications	DIN, EN
Optional Construction	Floating Panel System Continuous Subfloor
Available Accessories	Gym Floor Cover, Concrete Moisture Barrier, Floor Cleaner



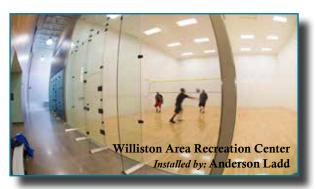
Perform like Everyone is watching... with Robbins Floating Floors

Robbins floating resilient systems provide excellent comfort and performance for athletes of all levels. These floor systems are designed for structural support and stability without being mechanically fastened to the substrate below. Optimal system pad options are fine tuned for maximum **shock absorption** and **resiliency**. Robbins floating resilient floors are great for use in basketball courts, volleyball courts, dance studios, fitness, gymnasiums, and other multi-purpose applications.

Robbins Floating Resilient Floors Features:

- Softer Design for the finest in athletic comfort and cushioning
- Excellent Deflection that reduces athletic impact
- Fine Tuning for various athletes with multiple pad options creating a harder or softer floor based on activity level
- High Load Bearing with continuous subfloor designs that are perfect for heavy loads such as bleachers and equipment





Robbins Floating Systems: Quick Reference Chart

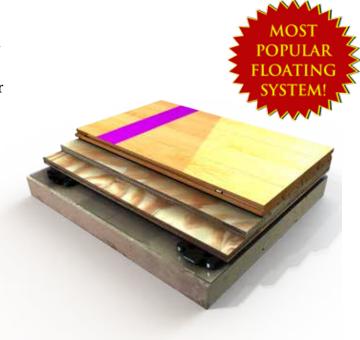
	Resiliency		Subfloor Construction			Certifications				suc		
S	ystem Name	Zero/G® Pad	Individual Rubber Pad	Laminated Panel	Sleeper	Continuous	Pre-manufactured Panel	DIN 📵	MFMA PUR	FIBA SE	FSC® Certified Available	Alternative System Construction Options
	Air-Channel Classic without Subfloor									<u></u>		
	Air-Channel Classic with Subfloor											
	Bio-Cushion Classic											
	Bio-Cushion LP											
	Bio-Cushion ELP	S										
	Eclipse											
	Eclipse SB										<u></u>	
	Sportwood Ultra Star											

^{*}Disclaimer: The above product chart is for reference only. Certifications and system components may change based on customer preference and facility requirements. Consult your dealer or Robbins representative for details concerning floor system specifications and certification compliancy.

Bio-Cushion® Classic

The sports flooring industry's first truly bio-mechanically designed and tested suspended maple flooring system, Bio-Cushion Classic has become one of the most popular resilient systems available. The Bio-Cushion system is bio-mechanically engineered for enhanced comfort and performance levels for athletes of all levels. Playing characteristics can be "tuned" depending on usage requirements to maximize resiliency and reduce the negative effects of the floor on the athlete.

- Thicker maple surface, dual layer subfloor, and resilient bio-pads perfectly fine tuned for aerobics, ballet, and martial arts, in addition to gymnasium flooring
- Excellent non-athletic load bearing capabilities with a continuous subfloor that adds strength and load stability throughout the floor



REFERENCE INSTALLATIONS:

University of Oregon L.A. Fitness (multiple locations) Macalester College Fond Du Lac YMCA Pennsylvania University

Brockton VA Hospital University of Wisconsin Richmond Olympic Oval

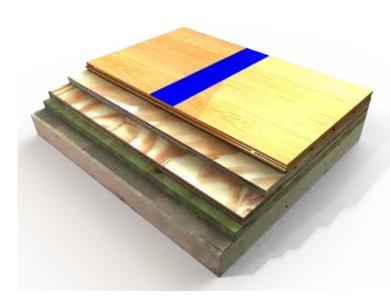
System Type	Floating Panel
System Height	2 1/8" (54mm) with 25/32" (20mm) maple and 7/16" (11mm) pad 2 3/8" (60mm) with 33/32" (26mm) maple and 7/16" (11mm) pad 2 1/2" (64mm) with 25/32" (20mm) maple and 3/4" (19mm) pad 2 3/4" (70mm) with 33/32" (26mm) maple and 3/4" (19mm) pad
Surface: MFMA Northern Hard Maple	Robbins Continuous Strip® XL (FJ) or Random Length (RL)
Subfloor Construction	2 layers of nominal ½" x 48" x 96" (12mm x 1219mm x 2438mm) exposure 1, rated subfloor sheathing
Resilience Layer	Many resilient pad options available
Certifications	DIN, EN
Optional Construction	Other thicknesses available
Available Accessories	Gym Floor Cover, Concrete Moisture Barrier, Floor Cleaner



Bio-Cushion® LP

The Bio-Cushion LP is a low-profile subfloor design that provides enhanced acoustics and dynamic uniformity. Robbins continuous Zero/G shock Pad provides continuous support for dancers and athletes on every inch of the floor, greatly reducing the exposure to the harmful stress of high impact from play and performance. Bio-Cushion LP is a great choice for a private fitness studio or home gym.

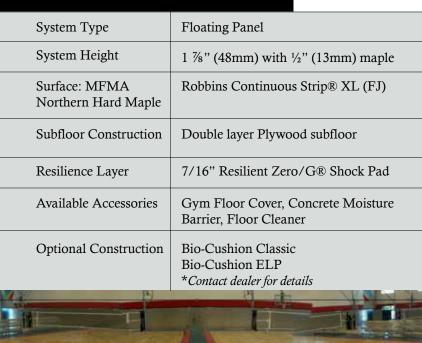
- High-performing Robbins Zero/G® shockpad provides continuous cushioning and consistent support for optimal shock absorption
- Highly attractive maple surface and superior construction for flexibility makes it perfect for dance studios, in addition to gymnasiums
- Value engineered to provide an economical choice for sport and dance surfaces with no compromise in quality or service



REFERENCE INSTALLATIONS:

Colorado College
West Texas A&M
Plano Sports Authority
N. Birmingham Rec Center
Gold's Gym (multiple locations)

Jewish Community Center (multiple locations)
Ray & Joan Kroc Center (multiple locations)



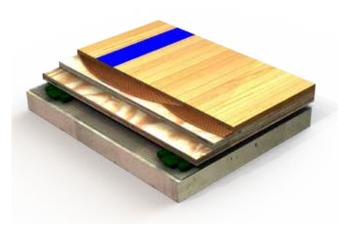
Plano Sports Authority

talled by: Ponder Floor Company



Sportwood® Ultra Star

Sportwood Ultra Star is solidly constructed of beautiful MFMA PQ edge-grain northern hard maple and features an adaptable, "tunable" underlayment. Elastomeric urethane adhesive bonds the maple Sportwood to layers of stabilizing load-distribution subfloor, sitting atop a matrix of our EPDM rubber Bio-Pads or alternate resilient element. These pads can be adjusted, or "tuned," to your desired level of shock absorption, making Sportwood Ultra Star ideal for any number of activities. Whether you need shock absorption security for aerobic, basketball or other sports, or simply want a comfortable multi-use surface for cafetoriums or other facilities, simply specify the amount of resiliency needed, and Robbins will take care of the



rest. The load distibution subfloor, plus the resilient shock-pads, allows Sportwood Ultra-Star floors more "give", meaning less chance of foot, leg or back injury. In addition to this safety feature, Sportwood Ultra Star is the most dimensionally stable maple product on the market.

- The traditional appearance of Sportwood is constructed with genuine, edge-grain cut, Northern Hardwood Maple, a long preferred surface in many basketball, volleyball and other indoor sport facilities.
- O Sportwood is an environmentally friendly product that is comprised of offal hardwood materials.

REFERENCE INSTALLATIONS:

Clear Airforce Base Washington State U Fort Bragg

Gold's Gym (multiple locations) **Duke University** UCLA Wooden Center Saville Community Centre YMCA (multiple locations)

Boys & Girls Club (multiple locations)



System Type	Floating Parquet Panel
System Height	1 ¾" (44mm) with 7/16" (11mm) maple and 7/16" (11mm) pad 2" (51mm) with 7/16" (11mm) maple and ¾" (19mm) pad
Surface	Robbins Maple Parquet Flooring
Subfloor Construction	2 layers of nominal ½" or 7/16" x 48" x 96" (12mm x 1219mm x 2438mm)
Resilient Pad	Many pad options available
Available Accessories	Gym Floor Cover, Concrete Moisture Barrier, Floor Cleaner
Environmental Impact	Sportwood is an environmentally friendly product comprised of offal hardwood materials





All-StarTM Portable Basketball Floor

Designed to meet the needs of any arena or civic center, the All-Star Portable basketball floor will provide years of high performance and consistent game play for athletes of all levels. Robbins All-Star portables can be found in top arenas around the globe. NBA teams like the *Miami Heat, LA Lakers, Cleveland Cavaliers, & the San Antonio Spurs* have relied on Robbins for years to provide a reliable floor for maximum game day performance. The All-Star portable is designed to withstand the rigors of frequent changeovers that would damage lesser floors. The All-Star is available with many options to meet the needs of the most demanding arena and venue manager. All Robbins portables are available sanded, painted, and finished to our high standards using computer aided graphics and design.

Unique optional features of All-Star portables include the "Zip" option that allows two crews to work simultaneously during set up or take down. This is a favorite feature in facilities where time is critical during changeovers. Our *All-Star Plus resilient package* option adds the Bio-Pad and Bio-Guard protective housing to the underside of the panels. The All-Star Plus is the choice of the **NBA** and top **NCAA** programs where athlete safety, comfort and performance are top priorities. Portable floors are a great solution for leased facilities or multi configuration spaces where permanent floors are not an option. Also available is the NEW *RapidLatch*TM locking system. This "**no loose**"





parts" system allows floors to go up and down quickly or stay down for longer periods of time without the worry of panel separation. One locking system for any installation. It also eliminates the need for any pins and bolts.

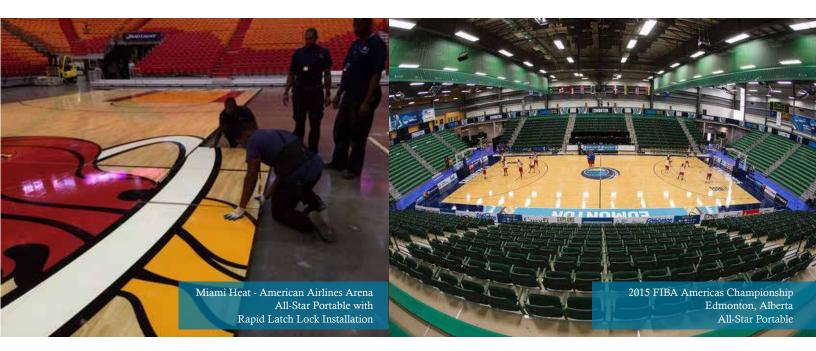


PORTABLE FLOOR SYSTEMS

PRODUCT SI	SPECIFICATIONS	1 1
Standard Dimensions	112' X 64' (34.14m X 19.51m) for international competition 112' X 60' (34.14m X 18.29m) 120' X 60' (36.59m X 18.29m) *Custom Dimensions Available FIBA EQUIPMENT 6 VENUE	
System Height	2 ³ / ₄ " (69.9mm) with 25/32" MFMA Maple 3 ¹ / ₂ " (88.9mm) with resilient package and 25/32" MFMA Maple	3
Available Options	All-Star Plus – resilient package for best athletic performance ZIP configuration for faster changeovers Rapid Latch TM "No Loose Parts" Locking System Boston Square® Pattern FSC® Certified Maple	Tomas (
Accessories	Ramps: ADA Compliant and Non-ADA Storage carts Spare parts and set-up tools Langley, All-Star H	

What do our customers think about Robbins portable floors?

"Our new All-Star Plus portable basketball floor is fantastic. The new RapidLatchTM locking system with no loose parts is an awesome upgrade to our old bolt-together floor. This new locking system has cut hours off our conversion time and has made keeping the floor square a much easier task. We also visited with some of the players and they really like how the floor played". Scott Smith, Director of Operations, Swiftel Center



MFMA NORTHERN HARD MAPLE OPTIONS

Maple flooring has become an industry standard in sports surfacing due to its resilient nature and attractive appearance.



Robbins has a variety of maple flooring surface options to fit every budget, building design, and life cycle desired including, Continuous Strip XL, Sportwood, and Random Length. All Robbins maple products are milled to meet or exceed strict MFMA grading standards ensuring your athletic facility, studio, or arena has the best quality hardwood surface on the market.

Continuous Strip® XL Premium Hardwood Flooring

(PATENT# 5,930,967 & 6,023,900)

Athletic floors featuring Continuous Strip XL maple have a beautiful monolithic appearance as a result of straighter, longer boards. The elimination of most tongue and groove internal joints result in a floor that is significantly stronger than a typical commodity random length floor. Continuous Strip XL floors are available factory sanded or factory pre-finished, and can eliminate most job-site sanding dust.

Look for Robbins XL maple on all Robbins' portable floors produced for the NBA including, Miami, Portland, Cleveland and the LA Lakers.

Random Length Commodity Hardwood Flooring

For over 100 years, Robbins MFMA commodity strip maple has provided a high quality playing surface for the sporting industry, as well as commercial and residential markets. The solid hard maple construction offers durability, a natural appearance, and a long lasting surface.

Additional XL Package Options

XLplus (Precision Lineal Uniform Spacing)

XLplus is available as a specified option on all Continuous Strip maple, this Robbins exclusive innovation virtually eliminates the need for expansion rows (washer rows) in the floor. Patent protected and visually confirmed, XLplus adds dimensional stability to the floor, eliminates the need to specify "edge-grain" maple strip, and reduces the need for unsightly, dirt catching expansion rows that can contribute to poly-ball formation.



Boston Square®



For a distinctive parquet appearance, Robbins Continuous Strip XL maple flooring surfaces are available in Robbins Boston Square pattern. This option is also popular used in combination with a straight lay around the perimeter and the Boston Square parquet pattern on the main court area.

PRODUCT SPECIFICATIONS

Specie Options	MFMA Northern Hard Maple *Also available in Red Oak, Hickory, & Walnut
Surface Construction & Width Options	Continuous Strip XL or Random Length 1 ½" (38mm), 2 ¼" (57mm), 3 ¼"(83mm)
Thickness Options	½" (13mm), ²⁵ / ₃₂ " (20mm), ³³ / ₃₂ " (26mm)
Grade Options	1st, 2nd & Btr., 3rd, 3rd & Btr.
Factory Prefinish Options	Available in factory pre-sanded, pre-sealed, or pre-finished

GRADE OPTIONS



*Note: Also available in 3rd & Btr. (image not shown here). As a product of nature with wonderful variations in grain and color, your floor may look different than the photos seen here. For color & grade accuracy, please consult your Robbins dealer for samples. For more information or to confirm product availability, consult your dealer, or visit our website at robbinsfloor.com.

System Pad Options for Every Performance, Budget, & Facility Need

BIO CUSHION PADS- EPDM RUBBER

Robbins exclusive, patented shock pads are made from a special blend of EPDM Rubber. Bio-Pads are the superior choice in flooring system design to achieve the maximum in durability & vibration control.

Durability | Vibration Control | Performance



ZERO/G SHOCK PAD

Robbins' low-profile, continuous ZERO/G® pad offers superior vibration damping and uniformity. Special mold-preventive additive greatly reduces the potential for fungus and mold to survive beneath the floor. Made from recycled material for maximum LEED credit contribution.

Performance | Vibration Control | Uniformity





ECO FRIENDLY PAD

Robbins blended rubber shock pads provide a cost-saving option for entry-level flooring systems, without sacrificing quality.





TRADITIONAL PAD

Robbins Permacushion Pads are suitable for entry-level multipurpose sport floors desiring reasonable levels of shock absorption.



System Pad Suggested Application Buying Guide

		Basketball	Volleyball	Multi-Use	Raquetball	Combi /	Arena	Aerobic	Fitness	Dance /	Theater /	Martial
Pad Type	Color			Gyms		Fusion				Ballet	Stage	Arts
Bio-Pad												
7/16" (11mm)	Black	0	0	0	0		0					
7/16" (11mm)	Green							0	0	0	0	0
7/16" (11mm)	Red					0						
3/4" (19mm)	Black	0	0	0	0		0					
3/4" (19mm)	Green							0	0	0	0	0
CP Bio-Pad												
7/16" (11mm)	Black	⊘	0	⊘	⊘							
3/4" (19mm)	Black	⊘	⊘	⊘	⊘	⊘	0					
Bio-Sport Pad												
7/16" (11mm)	Black	0	0	Ø	0		0					
3/4" (19mm)	Black							0	0	0	0	0
Zero G Shock Pad												
1/4" (6mm)	White	0	0	0	⊘	0	0					
7/16" (11mm)	White	⊘	⊘	0	⊘	0	0					
9/16" (14mm)	White	0	(O	0	0		\odot	0	0	0	0	\odot
5/8" (16mm)	Charcoal	⊘	⊘	\odot	⊘	0	0					
PermaCushion Pad												
3/8" (10mm)	Black	0	0	0	0	0						
5/8" (16mm)	Black	0	0	⊘	0	0						

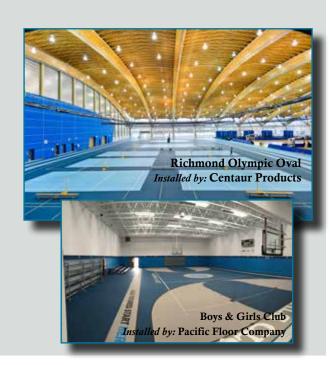
SYNTHETIC RESILIENT SYSTEMS

Robbins Synthetic Flooring systems are the right fit for your facility...

Regardless of the purpose or size of the job, we have the application to meet your facility's budget and performance needs.

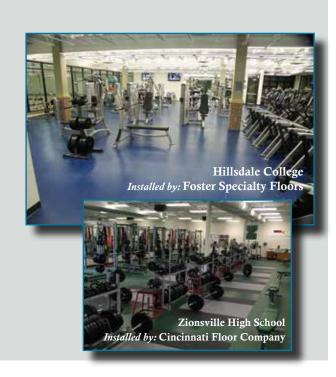
SEAMLESS POURED-IN-PLACE SYNTHETIC SYSTEMS

Robbins seamless *pad-n-pour* floors provide outstanding wear resistance, color stability, and environmental features to go along with excellent athletic characteristics including great shock absorption, optimal surface friction, and outstanding gameplay performance. They are tough enough to withstand daily use and can last the life of your recreational facility with proper maintenance; yet are also designed to provide critical biomechanical qualities to increase safety and comfort for athletes. Robbins seamless flooring systems can be completely refurbished at a fraction of the cost of a new system to provide a brand new surface when facility renovation is your only option.



RUBBER RESILIENT SYNTHETIC SYSTEMS

Robbins resilient rubber flooring line is a great choice for your indoor track, gym, or weight room. Regardless of the equipment load or room size, we have the flooring that is right for you. Robbins rubber fitness flooring provides peace of mind with the highest quality products available to meet your budget and facility needs. Our flooring systems are offered in a variety of color choices, styles, surface options, and dimensions to fit any size indoor fitness center, recreation center, or outdoor track and field. Robbins rubber flooring supports both the athlete, facility owner, and the environment.



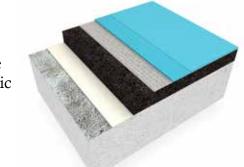
Synthetic System Suggested Application Buying Guide

				ninfort dic Filte	Comfort	ct Pulastic Critical Country Durathon Eige Track					dek Infield Galaxy Chesic & Calaxy Chesic & C				
	Pulas	ic Classi	ic Pro	in Pulas	ic SP	tic M	ic GY	Spring.	thon E	hon Erai	thon Galas	Ste Calax	Salax	Classic	
Indoor Competition	⊘	0	⊘	⊘									•	0	
Multi- Purpose	0	⊘	0	⊘					⊘						
Fieldhouse	⊘	⊘	o o o o	⊘	⊘			0	0				o o o o		
Indoor Track	•		•	⊘				Ø		⊘					
Walk / Jog	0	⊘	0		\odot				0						
Outdoor Track Competition	•		•					0		0					
Outdoor Jog Track			0				0	0		0			• • •		
Outdoor Multi-Purpose	•		•	•	•		⊘	Ø							
Weight Room			0	Ø		Ø					Ø	⊘	0	Ø	
Fellowship Hall	0	⊘	•												
Fitness Center	⊘	0	⊘	⊘	⊘	⊘		0	⊘		⊘	⊘	Ø	Ø	
Tennis / Badminton	⊘	⊘	•				⊘		⊘						
Locker Room			• • • •			⊘					⊘	⊘	⊘		
Animal / Vet Clinic	0		•	⊘						0					

PULASTIC SPORTS FLOORING

Pulastic Sports Flooring by Robbins provides superior safety with the ultimate in shock absorption, seamless uniformity, and optimum friction. Known for its durability, Pulastic provides a stable floor system

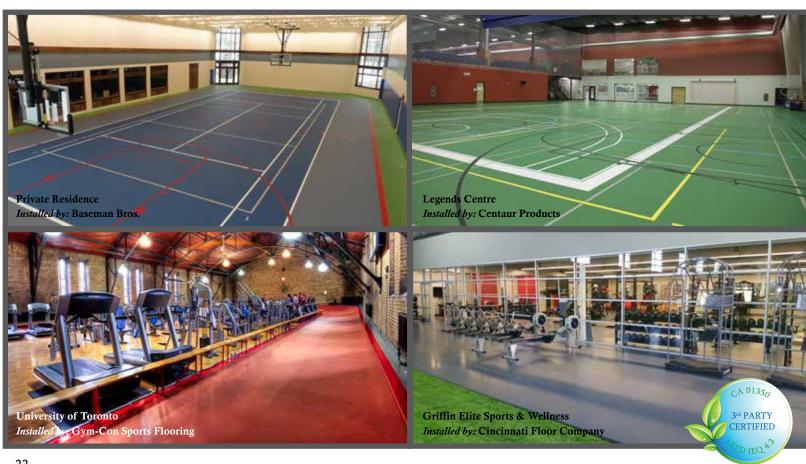
featuring a renewable wear surface that can be professionally refurbished to last the life of the building. Not only is Pulastic durable, it also provides lasting beauty and color stability through permanent gameline bonding and virtually invisible repairs including color and graphic changes. Its renewable wear layer can be recoated indefinitely for a permanent performance. Pulastic is perfect for multi-function facilities and provides superior strength by maintaining its performance under the everyday use of tables, chairs and bleachers. Additional seamless systems available include; Strata-Sport Plus®.



Choose from 16 Standard Colors



Ask your Robbins representative about additional specialty design and custom color choices!



6 Steps Towards Success...

SEAMLESS RESILIENT SYSTEMS

Pulastic Sports Flooring is installed by certified Robbins

dealers that have been extensively trained in the Pulastic installation process. The installation process consists of 6 steps that have been perfected along the way to create a floor that is durable, resilient, and sustainable. Nothing else compares to the quality and durability of a seamless Pulastic floor.



1. ELASTIC SUBLAYER

The basis of a Pulastic floor consists of a resilient rubber pad. This resilient pad layer is bonded to the subfloor using a solvent free adhesive.



3. STRUCTURAL LAYER

A thin second layer is applied to prepare the floor for an additional thicker self-leveling layer that provides mechanical strength to the floor. This layer provides a solid base and proper fit for the walls and floor in the facility.



5. FINISHING

A final water based top coat is applied that provides high wear resistance and a matte finish. The top coat is available in a wide range of colors and can be customized for any facility needs. Pulastic sports floor is the ORIGINAL seamless floor system and is considered to be state-of-the-art worldwide.



2. SEALING

The first of three synthetic layers poured onto the elastic sublayer to create a seal.



4. TOP STRUCTURAL LAYER

A top layer is applied over the base layer using the same high quality material and color that matches the final color of the floor. The material is poured and distributed with special tools that help the top layer "self-level" into a seamless floor.



6. LINE MARKING & LOGOS

The finishing touch for every sports floor is the line markings applied by line marking specialists. Logos and additional graphics are also applied in this final stage of production.

RUBBER RESILIENT SYSTEMS

Durathon® Elite

Durathon Elite Track and Durathon Elite Infield provide unmatched resilience and tear resistance plus superior strength and longevity - the industry's highest physical properties in a sheet rubber product. Designed to perform under extreme weather changes, heaviest traffic and toughest abuse - Durathon Elite maintains its performance and appearance year after year.

Infield Thickness Options: 6, 8, 9, 10mm

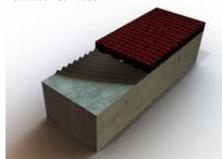
Track Thickness Options: 6, 8, 10, 12, *13.5mm *Certified





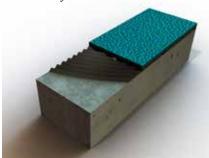
Durathon Elite Track

*Outdoor & Indoor

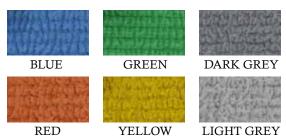


Durathon Elite Infield

*Indoor only



Available in 6 Standard Colors:



*Custom color options available. Actual floor colors may be slightly different from colors above. Robbins recommends receiving a PHYSICAL color sample of the product before making a selection. Consult your dealer for color accuracy.

Galaxy® Classic and Galaxy XTreme

Galaxy Classic and Galaxy XTreme endures intense use from athletes and fitness fanatics while continuing to perform at a high level day after day, year after year. While created for fitness applications, Galaxy's characteristics and colors have made it an attractive option as well as a tough, resilient, safe and durable choice for any active venue.

Standard Size:

40' L, 4' W Roll (Classic) 24" x 24" x 1" Tile (XTreme)

Standard Thickness:

3/8" (10mm) 5/32" (4mm / 95% Color Only) 1" (25mm / Galaxy XTreme Only)

Also available:

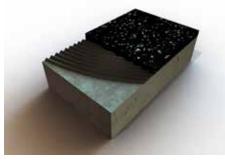
iLock tiles & custom thickness available on Galaxy Classic. Custom length & custom graphics available on Galaxy Classic & Galaxy XTreme.



*Custom color options available. Minimum quantities required. Actual floor colors may be slightly different from colors shown. Consult your dealer for color accuracy.

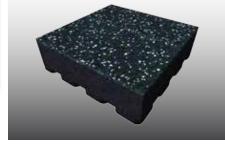
Galaxy Classic

Available in 21 Standard Colors! *See website for color charts



Galaxy XTreme

Available in 19 Standard Colors!
*See website for color charts

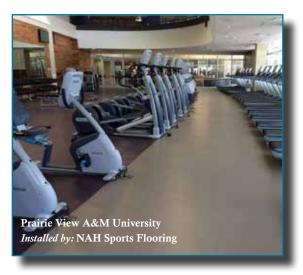


*Other Galaxy products available from Robbins include; Galaxy Mat & Galaxy AC. Contact your Robbins representative for more information or visit robbinsfloor.com.

RUBBER RESILIENT SYSTEMS

Galaxy® Fit

Galaxy Fit is made from virgin-blended rubber vulcanized to a recycled bottom layer. The top layer is a solid color with 10% accent flecks and a dimpled, "hammer-tone" texture offering a safe, resilient and durable surface. Satisfying both style and function, its performance is unmatched in sports flooring. Designs from the simple to the complex may be tailored to your facility's unique style.



Standard Tile Size:

39.4" x 39.4" (1m x 1m)

Standard Roll Size:

1.22m (4') W x 9.144m (30') L

Standard Thickness:

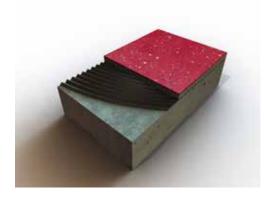
6, 8, 10mm

Also available:

iLock Tiles in 10mm Custom logos

Installation:

Glue-down Loose-lay (iLock tiles only)















REEN BROWN

*Custom color options available. Minimum quantities required. Actual floor colors may be slightly different from colors above. Consult your dealer for color accuracy.

Galaxy® Ultra

Galaxy Ultra is manufactured in a dual-layer format. The top layer consists of a virgin blend rubber with a 10% marbeled accent pattern, vulcanized to a bottom layer of SBR recycled rubber. The textured top wear layer is durable and provides a non-porous, safe, and resilient floor finish.



Standard Tile Size:

39.4" x 39.4" (1m x 1m)

Standard Roll Size:

1.22m (4') W x 9.144m (30') L

Standard Thickness:

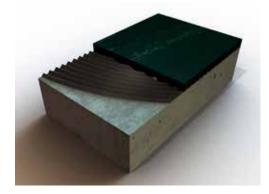
6, 8, 10mm

Also available:

iLock Tiles in 10mm Custom logos

Installation:

Glue-down Loose-lay (iLock tiles only)





*Custom color options available. Minimum quantities required. Actual floor colors may be slightly different from colors above. Consult your dealer for color accuracy.

COOPERATIVE PURCHASING

SAVE TIME, RESOURCES AND MONEY WITH NJPA CONTRACT PURCHASING



The National Joint Powers Alliance® (NJPA) facilitates a competitive bidding

process on behalf of members' needs and expectations, mirroring their contracting process. As an NJPA awarded vendor (contract#: 082114-RBI), Robbins offers NJPA members a variety of sports flooring systems through our competitively bid contract that **LEGALLY SATISFIES** most local public bid requirements.

Joining the NJPA allows you the opportunity to access competitively awarded nationally leveraged purchasing contracts for life. NJPA members save time and money while also avoiding the unpleasant experience of **low bid, low quality** responses. There is no cost, obligation or liability to NJPA membership.



WHAT IS NJPA'S COOPERATIVE PURCHASING?

National Joint Powers Alliance (NJPA) is a government agency that establishes an alliance between buyers and suppliers for use by education, government and non-profits.

Cooperative purchasing with NJPA leverages the national purchasing power of more than 50,000 member agencies while also streamlining the required purchasing process. As a municipal national contracting agency, NJPA contracts meet your state's procurement laws, local bid requirements and/or Joint Powers Authority.

- NJPA has the legislative authority to establish contracts for government & education agencies nationally. NJPA solicits, evaluates and awards contracts through a competitive bidding process on behalf of its members.
- Members have a choice of these contracts and procurement processes, thereby satisfying local / state bidding requirements and avoiding duplication of the process.

For more information contact a Robbins representative, or to join NJPA visit their website at www.njpacoop.org.

Contract#: 082114-RBI

Category: Athletic Surfaces & Equipment, Ice Arenas & Event Seating

Description: Hardwood and Synthetic Sports Flooring Systems

Maturity Date: 09/16/2018

ROBBINS AWARDED NJPA CONTRACTS & INSTALLATIONS:

David Douglas Schools

Breckenridge Middle School

Limestone Co Board of Education

Gonzaga University

Monte Vista High School

Marion Military Institute

Baldwin City USD 348

Wood Creek High School

Inver Hills Community College

Coon Rapids Schools

Rogers Middle School

Muscle Shoals Recreation Center

Washington State University

Maple Grove High School

Cleveland State University

THE ROBBINS INSTITUTE

The Robbins Institute® provides an informative program for architects and other professionals involved in selecting a sports floor for a recreation, multi-purpose, or sports facility.

Feeling is Believing...

At Robbins, we know choosing the right floor is not an easy decision. It takes time, research, product knowledge, and trust in the manufacturers promises. We provide our customers with the education and

background they need to make the most knowledgeable buying decision by attending one of many institutes across America. In addition to learning the features and differences in sports flooring, our customers are given the opportunity to exchange ideas and to learn from industry experts about the quality, longevity, safety, and benefits to athletes from selecting the right floor.

The industry's leading school for sports floors, The Robbins Institute is a learning center for all who attend. The Institute is an integral part of Robbins research, development and testing that spans a wide range of sports floor disciplines - both wood and synthetic.

By attending a Robbins Institute seminar, you can evaluate sports flooring and understand just how important the selection of the correct surface is for the comfort, safety and performance of your athletes. You'll learn about things like dynamic testing, biomechanics, building requirements and performance considerations. Architects can gain AIA learning units as they pick up valuable industry information or product information for their specific projects.





Whether you're an athletic director, coach, architect, engineer or buildings and grounds manager, before you select a floor that should last a lifetime, spend a little time at the industry's foremost sports flooring research and education facility.

Program: Overview in Choosing Sports Flooring. Earn 1-2 CES Learning Units by attending The Robbins Institute to:



- Explore methods of evaluating sports floors and criteria for judging and specifying sports surfaces.
- Take a practical look into biomechanics, dynamic testing and sports surface research, including case history applications.
- Examine the design, purpose, and use of sports surfacing as it relates to user comfort, safety, and performance.
- Learn about the functional relationship between sports surfaces and building design and construction.

OUR BRANDS & COMMITMENT

Robbins Sports Surfaces is a division of *Robbins*, *Inc.*, a family owned company since 1894. We are committed to designing and building the best floors in the industry to improve the long-term health, safety, and performance of the athlete. Our commitment to quality carries over into our other BRANDS as well. From the sports and performing arts markets to commerical buildings, homes, and the long-term maintenance and care of your floor, Robbins ensures the same level of quality and care will be given to every product we produce.













WHAT MAKES ROBBINS DIFFERENT

Robbins most advanced floor systems are designed and biomechancially researched, specifically for athletes and performers to create the world's best performing sports floors. Outstanding uniformity, vibration control, and shock absorption allow athletes and performers of all levels to concentrate on performance, not the fear of injury.

Custom Design Capabilities- Robbins is the only manufacturer that has a full time R&D staff with over 100 years of combined experience. From moisture issues, retrofits, to special applications, Robbins specializes in designing, testing, and manufacturing floor systems customized for any athletic facility.

Manufactured in the USA- Robbins' wood systems are manufactured in Wisconsin and Michigan with Maple & other hardwoods from Northern US forests.

Innovation- Robbins continually leads the way in researching and testing the dynamic interaction between the athlete, the activity and the surface. Beneath the surface, you'll find the results of an advanced, engineered floor system designed to promote enhanced comfort and safety for all performance levels.



Robbins is proud to be a member of and hold certifications with the following organizations:





















Robbins Sports Surfaces 4777 Eastern Avenue Cincinnati, OH 45226 USA

513-871-8988

robbinsfloor.com | info@robbinsfloor.com