



**OMNISPORTS**



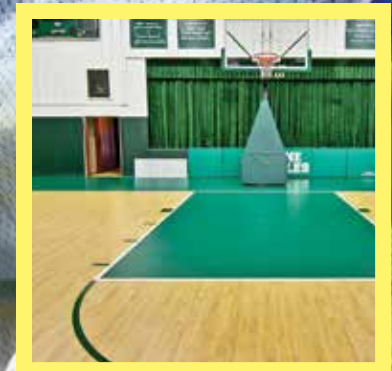
The Ideal  
Multi-Use  
Sports Floor



# Great athletes are the result of talent and determination. Great gyms are the result of **OMNISPORTS.**

What separates a good athlete from a great one is the ability to adapt. It's being ready for any situation that may arise in the game. The same goes for sports flooring. These days, you need a floor that works on multiple levels—one that allows multiple sports, uses, and levels of competition. You need Omnisports.

Omnisports meets the demands of today's sports environments better than any sports floor on the market. It accommodates any level of play, any budget, and nearly any event. At the same time, it provides exceptional sports performance, better indoor air quality, and distinctive colors to set your gym apart. For the best gym surface, choose the leader in multi-use sports floors—Omnisports.



## Omnisports

HPL  
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Heavy Bleachers



## Omnisports

3.5 mm and 5.0 mm  
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Fitness and Recreation



## Omnisports

6.5 mm and 8.3 mm  
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Multi-Use Gyms

## Omnisports

Lumaflex  
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Competition

# Reliable Sports Performance



## Innovative Installation



What if your floor could be installed faster with higher moisture tolerance and less installation waste? If your floor is Omnisports 6.5 mm or 8.3 mm, it can. GreenLay™ is a one-of-a-kind installation method that is 98% adhesive-free with a moisture tolerance of 92% relative humidity. It installs around 20% faster than full-adhesive installations, while creating less waste in the process. GreenLay™ is the new standard for practical, reliable, and environmentally responsible sports flooring with more than 12 million square feet installed around the world.

## Game-Ready Performance

Sports flooring needs specific properties for athletic activity, including shock absorption, surface friction, vertical deformation, and ball rebound. These properties not only create the right conditions for game play, they can also reduce fatigue, increase comfort, and minimize certain injuries. Omnisports meets all the requirements of ASTM F2772, the most recognized sports flooring standard in North America. It is available in a range of shock-absorption options from Class 1 to Class 4.

**ASTM  
F2772**

## Less Noise

Omnisports' HCF™ shock-absorbing foam dampens impact noise. This reduction in noise transmission can help coaches give clear instructions, allow teachers to more effectively control a class, and let players communicate better on the court.



**15 YEAR**  
Wear Layer  
Warranty

**10 YEAR**  
Product  
Warranty

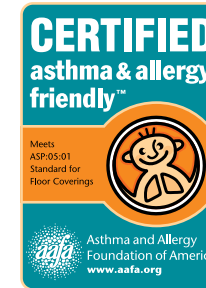
## Game-Changing Materials

Tarkett has always been at the forefront of health and environmental progress. That is why Omnisports is one of the first resilient sports floors to begin production with phthalate-free technology. The same phthalate-free components used in Omnisports are approved for food containers and children's toys that can be placed in the mouth. Safer materials and better manufacturing are part of the commitment behind every Omnisports floor.



## Higher Participation

Around 14 million school days are missed each year due to asthma\*. With Omnisports as part of an environmental control plan, you can fight these statistics. It is the first sports surface to be certified **asthma & allergy friendly™**. With low VOC emissions and allergen retention levels, Omnisports is a healthier floor for asthma and allergy sufferers.



\*Asthma's Impact of Children and Adolescents. Atlanta: National Center for Environmental Health, Centers for Disease Control and Prevention. 8 June 2005.

## Better Air Quality



A healthy indoor environment begins with low levels of volatile organic compounds (VOCs). Omnisports is FloorScore® certified, with VOC emissions of less than 100 micrograms per cubic meter\*.

\*VOCs after 28 days (ISO 16000)

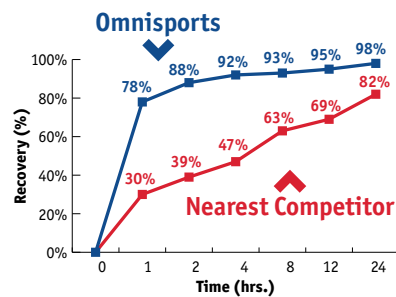
Healthier Indoor Environments



# Stress-Free Multi-Use Spaces

## Remarkable Resiliency

All resilient sports floors are designed to compress under weight to generate shock absorption, but not every floor responds the same way. Omnisports is designed to recover faster and more completely than any other sports floor. This plays a crucial role in its ability to accommodate non-sporting events. On average, Omnisports can recover more in 1 hour than the nearest competitor can recover in nearly a full day\*.



\*Based on a 200-pound weight left on the surface for 24 hours.

## Built-In Protection



Omnisports' TopClean xp™ surface treatment protects against scratches and aids the removal of sole marks. It also allows the floor to transition between sports and non-sporting events without the need for a protective covering.

## Easier Maintenance

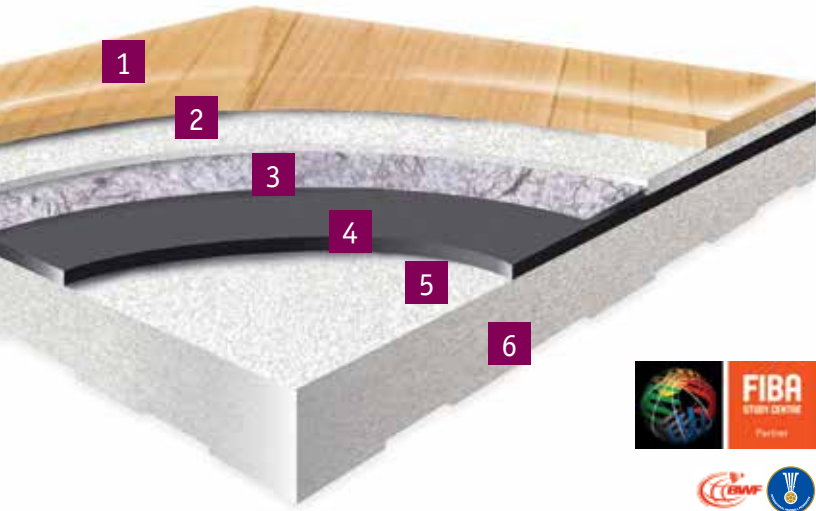
Omnisports is designed to make cleaning easier. Its surface has a non-linear embossing that creates the right level of friction for sports, but does not trap dirt. Other sports floors have a linear embossing that allows dirt to lodge in the surface, making it discolored and speckled. This effect has become commonly known as the "five o'clock shadow." Linear embossed flooring requires a more aggressive and costly cleaning schedule. Omnisports keeps a clean appearance with much less time and effort.



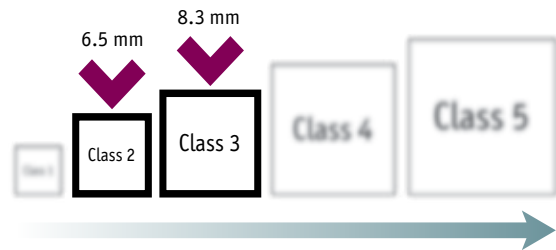
# Omnisports

6.5 mm and 8.3 mm

Exceptional performance, better indoor air quality, and distinctive colors make Omnisports 6.5 mm and 8.3 mm the best multi-use sports floors available. GreenLay™ can take benefits even further, with faster installation, higher moisture tolerance, and easier recycling.



## Sports Performance



Omnisports meets all the requirements of ASTM F2772, including force reduction, ball rebound, surface finish effect, and vertical deformation.

- 1 Performance Protection**  
Omnisports' TopClean xp™ surface treatment provides easy maintenance with no stripping; protection against scratches and easy removal of sole marks; and optimal surface friction for safety.
- 2 Wear Resistance**  
Omnisports contains a pigmented wear layer made from pure PVC, which carries an industry-leading 15-year wear warranty in addition to Omnisports' comprehensive 10-year product coverage.
- 3 Dimensional Stability**  
A compact PVC layer with embedded non-woven fiberglass gives Omnisports superior dimensional stability.
- 4 Structural Reinforcement**  
With the layer above, this vinyl layer forms the strain-splitting core that contributes to Omnisports' indentation recovery and dimensional stability.
- 5 Shock-Absorbing Acoustic Foam**  
This foam layer has a dense cellular structure, providing unrivaled acoustic performance, ideal shock absorption, and natural ball bounce levels.
- 6 Superior Adhesion**  
The backing of Omnisports is an engineered honeycomb texture for improved adhesion to the subfloor.

## Health and the Environment

Omnisports embodies four categories of sustainability, providing not only superior sports performance, but stewardship of the environment and care for individual health.



- Contains natural materials
- No REACH restricted chemicals
- No formaldehyde
- Free of heavy metals



- ISO 14001 manufacturing
- 63% water reduction in six years
- 29% VOC reduction in six years
- 133% more recycling since 2003
- Tarkett's history of conservation



- Low TVOC emissions: <math><100 \mu\text{g}/\text{m}^3</math>
- FloorScore® certified
- **asthma & allergy friendly™**
- Requires no harsh chemicals
- Reduces maintenance
- Uses phthalate-free technology



- 100% recyclable\*
  - Contains recycled content
  - Only 2% adhesive with GreenLay™
  - Easier removal with GreenLay™
  - Less waste with GreenLay™
- \*Recycling facilities may not exist in your area. Transportation of the material may be required.

## Colors



The colors presented here are representations only. An actual sample is recommended for exact color evaluation and matching. °This pattern has a 3" wide plank. Maple patterns have a width of 2-1/4".

## GreenLay™ Installation

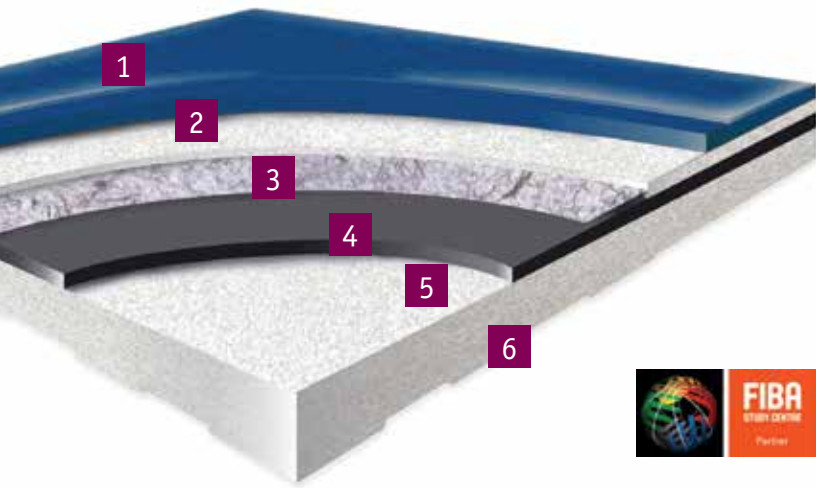
Less is more...in more ways than one. Omnisports 6.5 mm and 8.3 mm can be installed with GreenLay™, an exclusive method that requires adhesive under only 2% of the surface area. By using less glue, GreenLay™ imparts some remarkable benefits to your Omnisports floor: high moisture tolerance, faster installation, potential subfloor access, easier recycling, and lower cost than moisture barrier installations. It is also a proven system. Since 1995, over 12 million square feet of GreenLay™ have been installed worldwide, including nearly 4 million square feet in North America. Put the glue aside and put your athletes on the new standard of performance, practicality, and sustainability—Omnisports GreenLay™.



# Omnisports

3.5 mm and 5.0 mm

Activity is the foundation of fitness, and the best foundation for activity is Omnisports. With engineered sports performance, Omnisports 3.5 mm and 5.0 mm have the right comfort and safety for athletic activities, while easily accommodating non-sporting events.



## Sports Performance



Omnisports meets all the requirements of ASTM F2772, including force reduction, ball rebound, surface finish effect, and vertical deformation.

- 1 Performance Protection**  
Omnisports' TopClean xp™ surface treatment provides easy maintenance with no stripping; protection against scratches and easy removal of sole marks; and optimal surface friction for safety.
- 2 Wear Resistance**  
Omnisports contains a pigmented wear layer made from pure PVC, which carries an industry-leading 15-year wear warranty in addition to Omnisports' comprehensive 10-year product coverage.
- 3 Dimensional Stability**  
A compact PVC layer with embedded non-woven fiberglass gives Omnisports superior dimensional stability.
- 4 Structural Reinforcement**  
With the layer above, this vinyl layer forms the strain-splitting core that contributes to Omnisports' indentation recovery and dimensional stability.
- 5 Shock-Absorbing Acoustic Foam**  
This foam layer has a dense cellular structure, providing unrivaled acoustic performance, ideal shock absorption, and natural ball bounce levels.
- 6 Superior Adhesion**  
The backing of Omnisports is an engineered honeycomb texture for improved adhesion to the subfloor.

## Colors



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## Practical and Versatile Sports Flooring

Promoting physical health starts with enabling physical activity. It is not as easy as it sounds. Whether you operate a school or a fitness club, you know the needs that must be met before that first basketball game can be played: cleaning, scheduling, and, above all, staying within your budget. Omnisports meets the practical demands of running a sports facility better than any other floor. Unlike hardwoods, it never requires refinishing, and its non-linear embossed surface will not trap dirt like other resilient sports floors. Omnisports can also transition between sports and events faster, without the need for a protective covering. Facility owners around the world know that Omnisports equals more sports with less hassle.

*"We would not have been able to build this facility and operate with wood flooring. It just would not have been cost effective for us to do it, not only the installation of it, but the maintenance of it."*

—Scott Chitwood  
Co-owner of Carolina Courts

## Health and the Environment

Omnisports embodies four categories of sustainability, providing not only superior sports performance, but stewardship of the environment and care for individual health.



- Contains natural materials
- No REACH restricted chemicals
- No formaldehyde
- Free of heavy metals



- ISO 14001 manufacturing
- 63% water reduction in six years
- 29% VOC reduction in six years
- 133% more recycling since 2003
- Tarkett's history of conservation



- Low TVOC emissions: <math><100 \mu\text{g}/\text{m}^3</math>
- FloorScore® certified
- Requires no harsh chemicals
- Reduces maintenance
- Uses phthalate-free technology



- 100% recyclable\*
- Contains recycled content

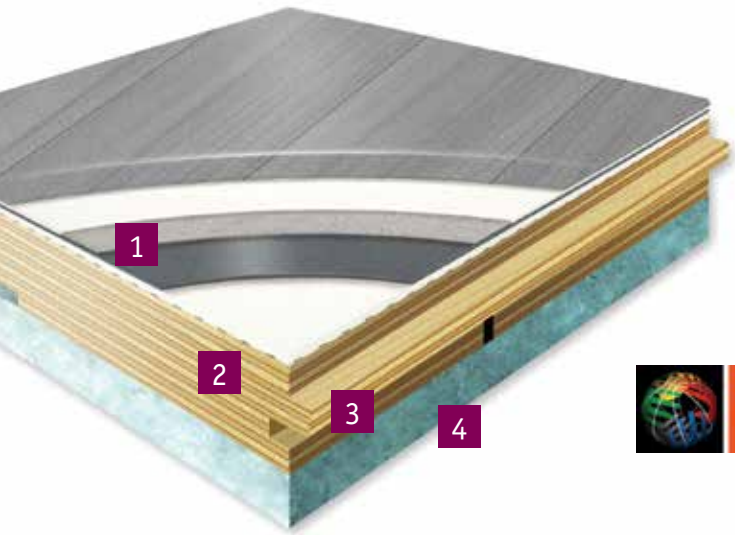
\*Recycling facilities may not exist in your area. Transportation of the material may be required.



# Omnisports Lumaflex

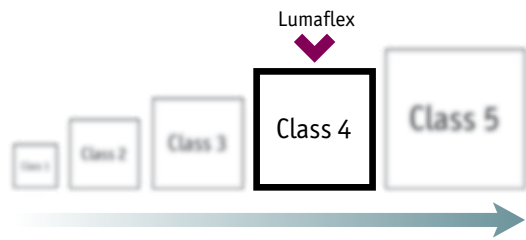


Elevate your game...literally. Lumaflex upgrades your Omnisports floor by adding a layer of sturdy birch plywood and shock-absorbing foam underneath, giving you the pinnacle of performance, safety, and comfort. Go ahead, take your floor up a notch with Lumaflex.



- 1 Versatile Point-Elastic Surface**  
With Omnisports as the surface, Lumaflex provides easy maintenance, versatility, and point-elastic shock absorption. It adds multi-use functionality and comfort to the ultimate sports flooring system.
- 2 Uniform Structural Support**  
These 18 mm plywood planks provide stability and a uniform structure for resilient sports surfaces. They are made exclusively from birch, one of the most stable species of wood.
- 3 Reliable Bonding and Assembly**  
Each plywood plank incorporates an interlocking tongue-and-groove edge for fast and reliable installation.
- 4 Lumaflex Shock-Absorbing Foam**  
This shock-absorbing cushion is available in either a 1/2" or 1-1/2" thickness depending on the profile needs of the project. In addition to providing high levels of shock absorption, it is also GREENGUARD certified as a low-emitting interior building material.

## Sports Performance



Lumaflex meets all the requirements of ASTM F2772, including force reduction, ball rebound, surface finish effect, and vertical deformation.

## Health and the Environment

Lumaflex embodies four categories of sustainability, providing not only superior sports performance, but stewardship of the environment and care for individual health.



### Good Materials

- Uses renewable resources
- Incorporates natural materials
- No formaldehyde



### Resource Stewardship

- ISO 14001 manufacturing
- A history of conservation



### People-Friendly Spaces

- GREENGUARD certified foam
- CRI Green Label certified foam

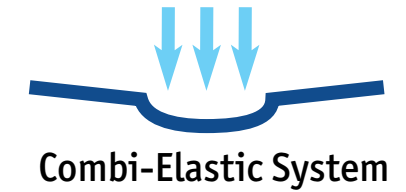


### Reuse and Recycle

- Zero-landfill foam manufacturing
- Contains recycled content

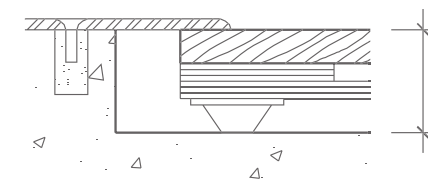
## The Best of Both Worlds

Lumaflex is a combination system, the definitive sports floor for comfort, safety, and sports performance. It combines point-elastic surface properties with an area-elastic substructure. By engaging the athlete with these two types of elasticity, Lumaflex simultaneously responds in the immediate area of impact and across the wider surface area. This combined response generates remarkably high levels of shock absorption and natural stability underfoot. On a Lumaflex floor, you can train, practice, and play for longer periods of time with less fatigue and more comfort.



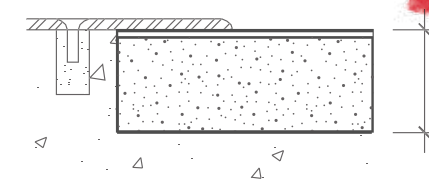
## Upgrading a Hardwood Court to Lumaflex

The trick to a successful renovation project is turning challenges into opportunities. If you are replacing a hardwood sports floor, your challenge is a recessed concrete slab that is lower than the rest of your building. You could replace it with another hardwood floor, but that would mean the same costly maintenance and upkeep. You could raise the profile with expensive self-leveling compound, but that wouldn't provide sports performance or shock absorption. Luckily, there is a third option. Lumaflex can correct the profile difference using shock-absorbing foam and a uniform substructure, giving you a top-tier system with the low maintenance and versatility of a resilient sports surface. With Lumaflex, this common renovation problem isn't a problem at all. It's potential.



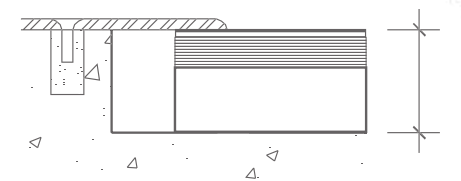
**Option A**  
Replace with Hardwoods

This option offers high shock absorption, but it perpetuates costly upkeep, provides less versatility, and has less uniformity.



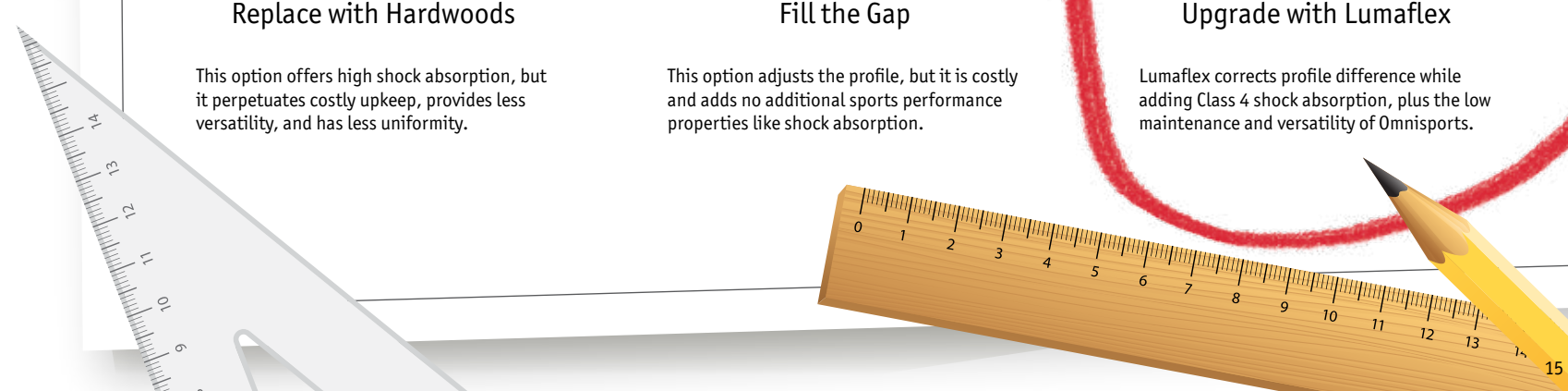
**Option B**  
Fill the Gap

This option adjusts the profile, but it is costly and adds no additional sports performance properties like shock absorption.



**Option C**  
Upgrade with Lumaflex

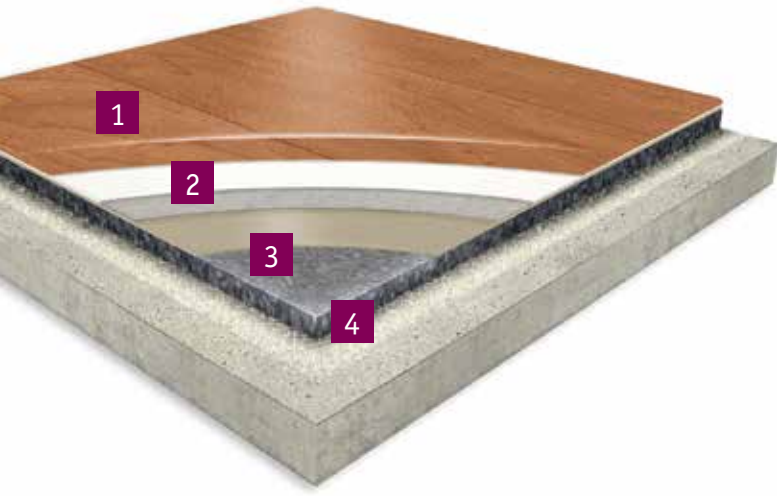
Lumaflex corrects profile difference while adding Class 4 shock absorption, plus the low maintenance and versatility of Omnisports.





# Omnisports HPL

Omnisports HPL is a system for facilities with heavy bleachers and equipment. It has an easy-to-clean Compact 2.0 mm surface, a high-density underlayment for point loads up to 500 psi, Class 1 shock absorption, and a variety of wood grain patterns and solid colors.



- 1 Performance Protection**  
Omnisports' TopClean xp™ surface treatment provides easy maintenance with no stripping; protection against scratches and easy removal of sole marks; and optimal surface friction for safety.
- 2 Compact 2.0 mm Surface**  
Compact 2.0 mm is the Omnisports surface without the cushioned backing. It has multiple PVC layers, a fiberglass mesh, and matching colors and patterns to other Omnisports floors.
- 3 Time-Saving Pore Sealer**  
Omnisports HPL's base layer has a preapplied pore sealer, which would otherwise be applied on site. This saves installation time and allows uniform adhesion of the surface layer.
- 4 High Point Load Protection**  
Omnisports HPL's high-density 4 mm base mat not only provides Class 1 shock absorption, it can withstand point loads as high as 500 psi.

## Sports Performance



Omnisports HPL meets all the requirements of ASTM F2772, including force reduction, ball rebound, surface finish effect, and vertical deformation.

## Health and the Environment

Omnisports HPL embodies four categories of sustainability, providing not only superior performance, but stewardship of the environment and care for individual health.



### Good Materials

- Uses renewable resources
- Incorporates natural materials
- No formaldehyde



### Resource Stewardship

- ISO 14001 manufacturing
- A history of conservation



### People-Friendly Spaces

- Requires no harsh chemicals
- Reduces maintenance



### Reuse and Recycle

- Contains recycled content

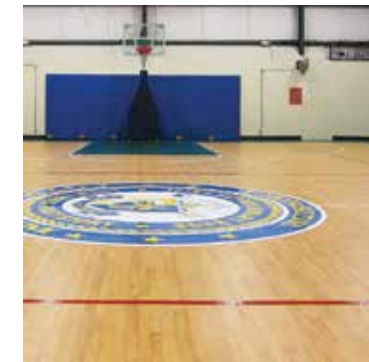
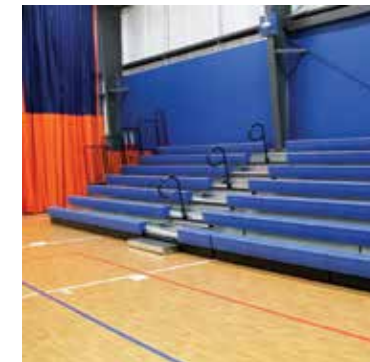
## Colors



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## High Point Loads Without Compromise

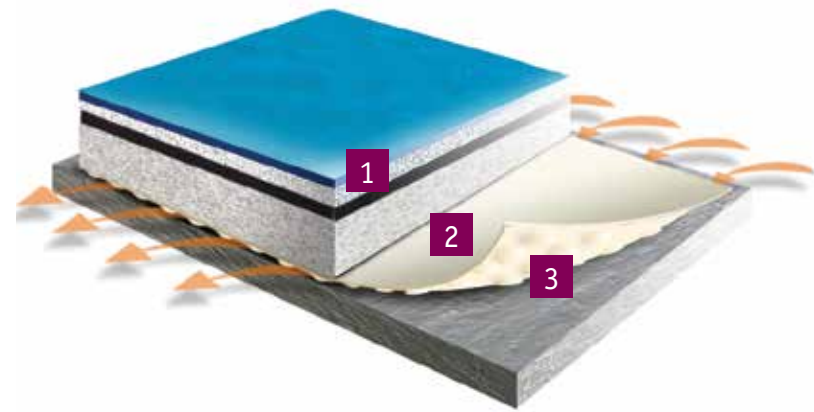
Until now, sports flooring that could handle heavy bleachers and equipment meant sacrificing appearance, accepting higher maintenance costs, and sometimes compromising sports performance. That was before Tarkett Sports developed Omnisports HPL. Now you can have an easy-to-clean surface with Class 1 shock absorption and beautiful wood grain patterns, all while withstanding point loads of up to 500 psi. As an alternative to rubber surfaces, Omnisports HPL can turn a merely functional space into an eye-catching court that does not compromise aesthetics out of necessity. It also means the same durability with much less cleaning and upkeep.



# Accessories

## Tarkolay

Every flooring installation is different. In some cases, high moisture, cracks, joints, or other factors present challenges that require an underlayment. Tarkolay encapsulates the subfloor, separating vapor pressure and other concrete imperfections from the surface.



- 1 Isolation of the Sports Surface**  
Tarkolay mitigates adverse conditions by separating the sports surface from the subfloor. Through isolation, an imperfect subfloor is less likely to affect the integrity of the surface installation.
- 2 Dimensionally Stable Underlayment**  
Tarkolay is a dimensionally stable underlayment with a smooth surface for excellent adhesion to the sports floor.
- 3 Raised Texture for Dispersing Water Vapor**  
The embossed texture of Tarkolay allows water vapor from the subfloor to dissipate without building pressure that would harm the integrity of the installation.

## Performance

Tarkolay can address moisture conditions as high as 98% relative humidity per ASTM F2170. It is also a FloorScore® certified underlayment that can resolve high moisture and other issues while still maintaining the highest standard of indoor air quality.

## Health and the Environment

Tarkolay embodies four categories of sustainability, providing not only superior performance, but stewardship of the environment and care for individual health.



**Good Materials**

- No REACH restricted chemicals
- No formaldehyde



**Resource Stewardship**

- ISO 14001 manufacturing
- Tarkett's history of conservation



**People-Friendly Spaces**

- FloorScore® certified



**Reuse and Recycle**

- Recyclable material\*

\*Recycling facilities may not exist in your area. Transportation of the material may be required.

# Accessories

## Multi-Poxy Adhesive

Multi-Poxy Adhesive is a high-performance component of a high-performance sports floor: Omnisports. This non-hazardous, solvent-free adhesive is healthier for installers and has a bond strength that allows earlier foot traffic and exceptional resistance to rolling loads.



- 1 Simple One-to-One Mix Ratio**  
Multi-Poxy has a simple one-to-one mixing ratio that significantly reduces the possibility of error. It also facilitates mixing smaller quantities of adhesive, which in turn minimizes waste.
- 2 Superior Bond Strength**  
The bond strength of Multi-Poxy is unlike any other sports flooring adhesive. It firmly secures the floor, providing resistance to rolling loads and excellent moisture tolerance.
- 3 Earlier Foot Traffic**  
With Multi-Poxy, foot traffic is possible on the floor sooner. Compared to other full adhesive installations, this means a faster and more efficient installation process.
- 4 Non-Hazardous, Solvent-Free Composition**  
Multi-Poxy contains no solvents and is considered a non-hazardous material. This contributes to a healthier work environment for those involved in the installation process and fewer shipping restrictions.

## Performance

When it comes to fully adhered sports flooring installation, Multi-Poxy Adhesive offers truly exceptional performance. It provides high moisture tolerance, superior bond strength, and earlier foot traffic. Most importantly, Multi-Poxy contains no harmful solvents and is odorless when dry.

## Health and the Environment

Multi-Poxy Adhesive embodies four categories of sustainability, providing not only superior performance, but stewardship of the environment and care for individual health.



**Good Materials**

- Non-hazardous
- solvent-free composition



**Resource Stewardship**

- Minimizes adhesive waste



**People-Friendly Spaces**

- Low odor during installation
- Odorless when dry
- No harmful solvents
- CRI Green Label Plus certified



**Reuse and Recycle**

- 100% recyclable container



Tarkett Sports is a division of the Tarkett Group, which was established in 1886. The Tarkett Group has now reached over \$2.5 billion in annual sales and is a global leader in commercial, residential, and sports flooring. Tarkett Sports surfacing solutions include hardwood and synthetic basketball courts, volleyball courts, multipurpose gymnasium floors, weight room flooring, running tracks, and its world-renowned FieldTurf artificial turf.

For more information on Omnisports, including technical data and specifications, visit [www.tarkettsportsindoor.com](http://www.tarkettsportsindoor.com) or call 888-364-6541.

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