



**Innovation  
In Installation**



**OMNISPORTS  
SOLUTIONS**



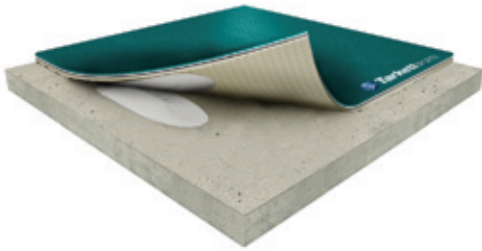
THE ULTIMATE  
SURFACE EXPERIENCE



## The GreenLay™ Effect for Omnisports 6.5 & 8.3

- **Extremely Resistant to Higher Moisture Conditions**
- **Can withstand 15lbs of moisture/ 92% RH**
- **98% Adhesive Free**
- **Dramatically Quicker and Simplified Installation Process**
- **Cost Reduction (less time + less glue = less cost + less downtime)**
- **Compatible with underfloor heating systems**
- **Can be installed below, on, and above grade concrete slabs**
- **Easier access to subfloor**
- **Unique Environmental Benefit**  
With the omission of adhesive, Omnisports can be efficiently removed at the end of its lifespan and set aside for recycling without having to worry about the green restrictions associated with dried or hardened glue

## Classical Glued Sport Vinyl Installations: Sticky Facts



**A classical installation of a glued sport vinyl surface presents many constraints such as:**

- Complex installation process
- Labor intensive
- Requires large quantities of glue
- Costly
- Time consuming
- Setting time
- Once the surface is set, access to the subfloor is no longer a simple process
- Full spread adhesive installations can trap moisture beneath the surface and create waves or bubbles on the surface

**At the end of the surface's life:**

- Subfloor will require an investment of time and money in order to be prepped and ready for new installation
- Removed surface will not be appropriate for recycling due to the adhesive attached to the backing

**GreenLay™ is  
98% Adhesive Free  
and Can withstand up  
to 15lbs of moisture  
or 92% RH!**



## What Is GreenLay™ ?

In 1995, Tarkett's R&D team developed a new technical process designed to dramatically reduce the time, cost and environmental impact of installing Omnisports. Thinking not just outside but beyond the box, they succeeded in developing GreenLay™. This innovative method of installation deviated dramatically from a classical fully glued installation, and could be performed in even the most demanding moisture environments. After more than 15 years, the initial test sites of GreenLay™ are still in use and problem free!

More than just an installation method, Tarkett implemented unique manufacturing processes in order to produce a synthetic sports floor that could not only be installed without a dependence on adhesive and ideal environmental conditions, but could maintain high levels of consistent performance and playability over time.

## The Omnisports GreenLay™ Connection

**Continuous manufacturing process:** For more than 20 years, Tarkett Sports has been at the cutting edge of technology and is still the only manufacturer to use this exclusive process for its thick PVC products. This process adds strength and stability to the product's core and structure, allowing it to lay flat and in place over time.

**Calendered underlayer reinforced with fiberglass:** Tarkett Sports developed a unique coating system on stabilizing fiberglass. This exclusive method ensures excellent dimensional stability.

**Weight of the system:** Getting more floor than you bargained for is what Tarkett Sports is all about. Every Omnisports surface is supported by a scientifically engineered structural weight. This mass contributes to the durability and longevity of the product in addition to stabilizing benefits.

**Honeycomb suction backing:** Only Tarkett Sports' Omnisports features a honeycomb backing designed to increase the grip between the product and the base. It is this special backing that helps keep the surface in place in the absence of adhesive.





## 1995: 1<sup>st</sup> GreenLay™ installation

- Project:** Installation of Omnisports in a multi-purpose gymnasium in France.
- Issues to consider:** Multi-use facility facing variations in temperature and rising moisture levels due to a river located next to the building.
- Tarkett Sports solution:** Omnisports 6.5 GreenLay



The 1<sup>st</sup> installation, considered as a test in 1995, was a success. **15 years later** and the Omnisports surface is still intact! Since the introduction of GreenLay™, **more than 7,000,000 sq.ft.** have been successfully installed around the world. A real proof of quality!

### Jean-Yves Simon, Tarkett R&D manager in 1995 and inventor of GreenLay™ :

*"In the early 90's, the Tarkett R&D team took up the audacious challenge of launching a loose lay installation for Omnisports. Many research studies were carried out in order to define the manufacturing process to ensure optimal dimensional stability for the product. After several trials in search of a solution for varying temperature and high moisture conditions, in 1995 we developed GreenLay™, an innovative installation system that is still performing 15 years later!"*



## 2010: 1<sup>st</sup> GreenLay™ installation in North America

- Project:** Installation of Omnisports in a multi-purpose gymnasium in California.
- Issues to consider:** Rising moisture and humidity levels resulted in visible surface bubbles that were affecting playability.
- Tarkett Sports solution:** Omnisports 6.5 GreenLay™.



More than  
240,000 sq.ft. of  
Omnisports  
has been installed  
GreenLay™  
throughout North  
America to-date.

*“At Live Oak our gym is used around the clock for both sports and non-sports activities. While walking the floor during a maintenance inspection one day we realized that bubbles and waves were noticeable in the surface. After calling our local Tarkett Sports flooring representative we quickly determined that sub-surface moisture was being trapped by the adhesive and causing the floor to fail. Some areas revealed as much as 15 lbs of moisture. Tarkett Sports suggested that we install Omnisports using a new installation method called GreenLay™ that had been successful in Europe under these same conditions. In no time the old surface was being taken up and Omnisports GreenLay™ was put into action. I couldn’t believe how quick it took them to get the floor down and for our kids to get back to playing. It has been almost a year now since we gave GreenLay™ a try and twice a week I walk the floor looking for bubbles in the surface and there simply aren’t any. The floor has held up great even with our moisture issues and the kids and school love it. We couldn’t be happier.”*

*Brent - Live Oak Facility Manager*

## Omnisports 6.5 and 8.3 can be installed GreenLay™.



## OMNISPORTS — The Ideal Multi-Purpose Surface

Omnisports is a multi-purpose point elastic PVC sports surface that has been designed to reduce maintenance and maximize sport performance. In order to satisfy the unique performance and budgetary needs of our customers, Omnisports is available in 5 different thicknesses:

- Omnisports COMPACT – 2 mm thick
- Omnisports 3.9 – 3.9 mm thick
- Omnisports 5.0 – 5 mm thick
- Omnisports 6.5 – 6.5 mm thick
- Omnisports 8.3 – 8.3 mm thick

With identical surface layer properties, the multiple thickness options allow you to customize the degree of shock absorption and performance. With such a wide variety of product options to choose from, Omnisports provides you with the versatility and ability to design a facility for athletes at every level of competition.



OMNISPORTS 3.9mm (0.153in.)



OMNISPORTS 5.0mm (0.196in.)



OMNISPORTS 6.5mm (0.256in.)



OMNISPORTS 8,3mm (0.327in.)



### 1 - TOP CLEAN X-TREME PERFORMANCE PROTECTION

Photoreticulated polyurethane treatment reinforced by extremely durable micro-particles

#### Active protection:

- Easy maintenance
- No stripping
- Provides excellent protection against: scratches - sole marks - rubber stains
- Excellent surface friction for improved grip control

### 2 - RESISTANCE

Pigmented wear layer made from pure PVC

### 3 - IMPROVED HYGIENE

Sanitized treatment located within the flooring system helps to protect against the localization of bacteria and fungus

### 4 - DIMENSIONAL STABILITY

Compact PVC impregnation including non-woven fiberglass

### 5 - REINFORCEMENT

Calendered PVC under-layer

### 6 - OMNISORB WITH HCF TECHNOLOGY

Shock absorbent, highly cellularised, acoustic chemical foam. This highly cellularised foam has an extremely dense cellular structure. In addition to providing unrivalled acoustic comfort and ideal impact absorption, Omnisorb also facilitates natural ball bounce levels

### 7- ADHESION

Scientifically engineered honeycomb backing for perfect adhesion to base

[www.tarkettsportsindoor.com](http://www.tarkettsportsindoor.com)



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