



**Connor Sports® Aspire I**  
Wooden Sports flooring

**Gerflor®**



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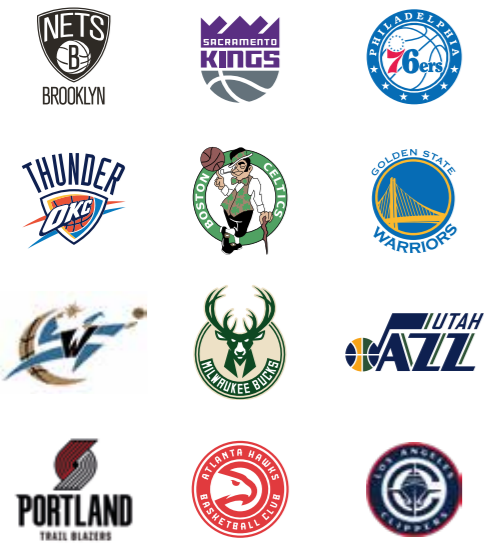


Connor Sports® is the global leader in hardwood sports flooring, trusted by the NBA®, NCAA®, WNBA®, Final Four®, and countless schools and facilities across the U.S. and worldwide.

- We believe in the power of sport to bring communities together, inspire greatness, and shape the future.
- Our commitment to safety, sustainability, and performance drives everything we do.
- We design, manufacture, and install high-performance wood courts for basketball, volleyball, and a wide range of athletic and multipurpose uses.
- We deliver unmatched service and quality; backed by over 150 years of expertise and innovation.

## Champions trust us!

More than half the teams in the NBA have purchased a Connor Sports® wood system. Connor Sports® flooring is where champions are made and memories last a lifetime.



# Designed to perform

## High-Performance Structure

With durability in mind, the Connor Sports® Aspire I was developed by listening to what the market needs. The top 14 mm thick engineered wood board is made with three strips of European Oak in the top layer, while the cross-layered construction of the board ensures a high level of dimensional stability. Thanks to its factory-applied varnish, it also offers easy maintenance and long-lasting appearance.

### Sport Varnish

- Compatible with **EN 14904** Factory applied ensuring high resistance to abrasion, scratches.

### Flooring (14mm)

- Solid oak wood **3.5mm** 3-strip wide engineered wood boards, with cross layer construction offering high level dimensional stability.



### Premium pads (12mm)

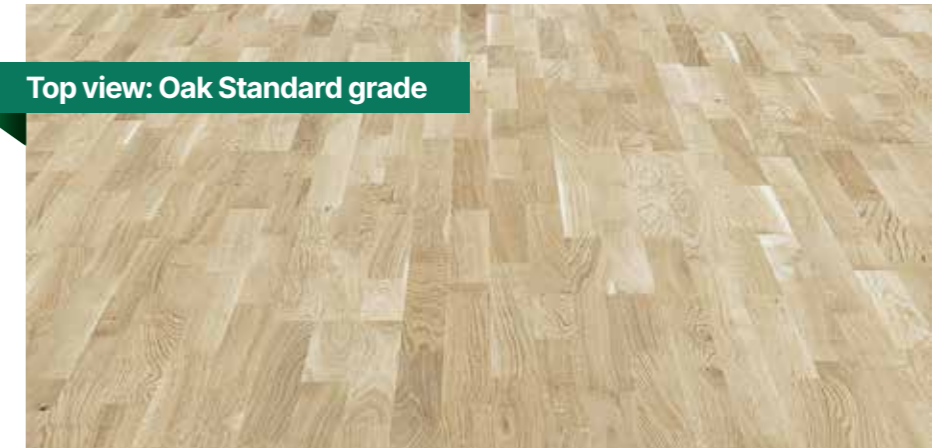
- **12mm** Aspire pads Premium resilient pads provide exceptional cushioning under heavy impacts, enhancing player comfort and safety throughout the game.

### Subfloor (24mm)

- Double plywood **2×12mm** Double plywood (2×12mm) structure offering a greater stability of the floor and increased resistance to static and rolling loads.

## Key points

- 3.5mm** Solid Wood
- >55%** Shock Absorption
- 10 YEARS** warranty
- A4** category



# Strong roots

Built on our legacy and experience

Our **Connor Sports® Aspire I** is built on Connor Sports's over 150 years of experience in supplying high-value wooden floors around the globe, supporting the very best basketball players!

It offers an excellent balance between performance, safety, and keeping in mind the real-life needs of facility management.

Experience the excellence of Connor Sports® and inspire the next generation of professional athletes.



Connor Sports Aspire I - Oroszlany - Hungary

## Partner of International sports governing bodies



**Connor Sports® Aspire I** is a **A4 category** system as per **EN 14904**, with Level 1 approval from **FIBA** (International Basketball Federation) and approval from **IHF** (International Handball Federation).

# New champions

Designed for multi-purpose activities

## Education



Perfect to be used for educational program thanks to high shock absorption capabilities, it offers protection for joint & muscle of teenagers who Aspire to play at professional level later.

## Dance



Dancing is high demanding sport, and thanks to both the absorption capabilities and the excellent varnished finish, it provide solution to perform dance.

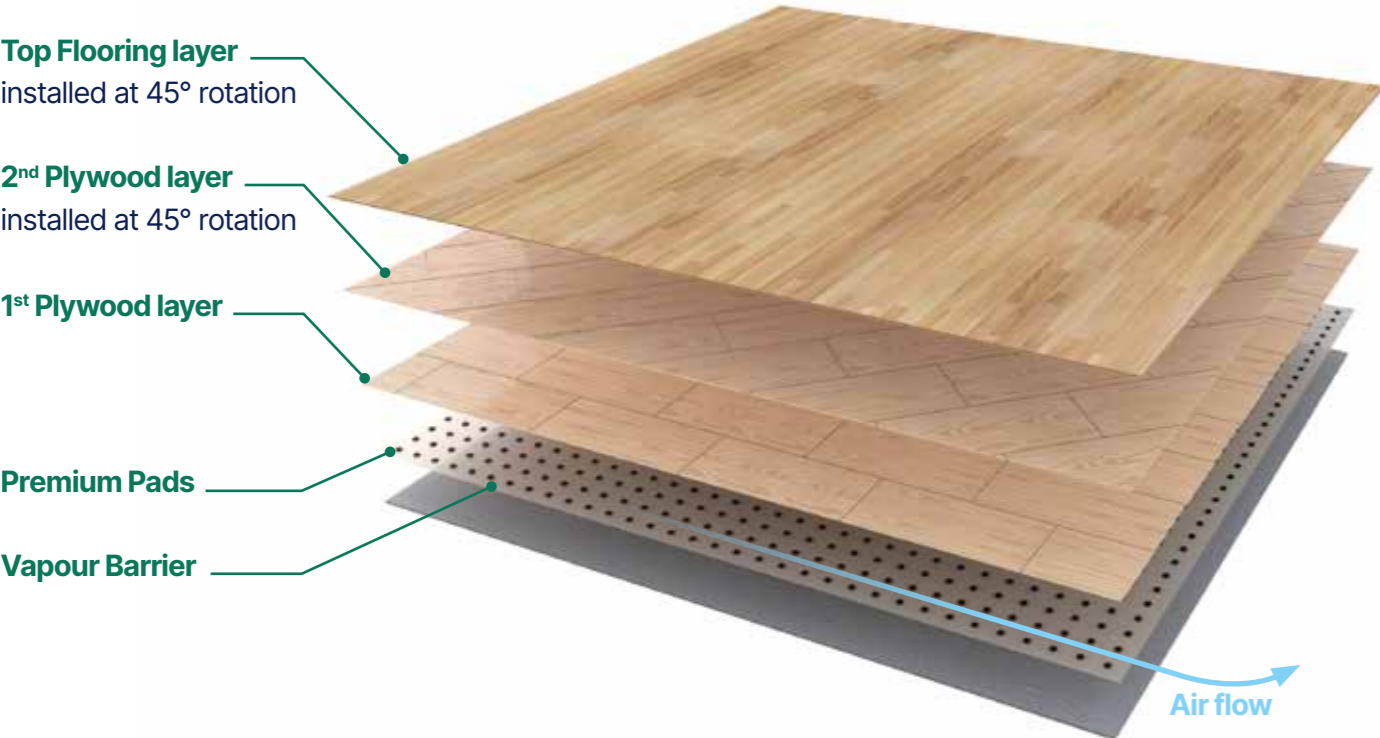
## Clubs



Aspire system can also be used for clubs. It has been tested and specially developed to be FIBA & IHF approved to host competitions.

# Increased uniformity

Load distribution, resistance & dimensional stability

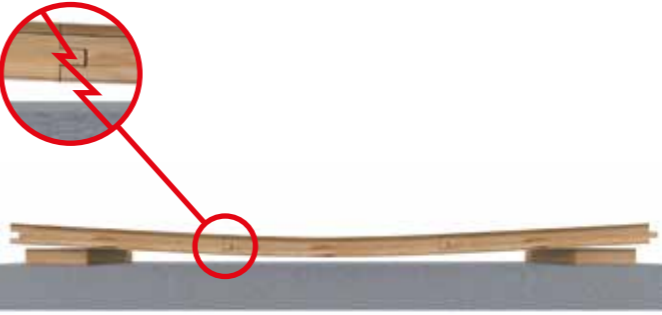


- The high performing sub-construction is made of two overlapping plywood panels, rotated 45 degrees to each other, offering **unparalleled load distribution and uniformity** within its category.
- The frequently installed performance pads ensure a **high level of safety, comfort, and ball bounce** meeting the needs of various sport activities and events.
- The vapour barrier helps to **protect the wood floor** against dust and basic moisture.
- The space between pads and plywood create Airflow channel that helps to have a **good air ventilation**.



# Designed to last

High resistance



A standard generic batten-based system without distribution plates will lead to fragilize and conduct to break the tongue & groove connection.



The **Connor Sports® Aspire I** sub-construction is reinforcing the tongue & groove connection avoiding cracks under repeated shocks and loads.  
**Connor Sports® Aspire I** offers unparalleled uniformity across the entire sports surface and exceptional load distribution, making it the ideal choice for schools, where Champions are made!

Even performance



**>55% Shock Absorption** **A4 Category**

Wherever you are on the **Connor Sports® Aspire I** the sport performance and shock absorption is even thanks to the subconstruction specially designed for.



On standard batten-based structure players feel either high-bounce in the middle of 2 battens or low absorption when landing on a batten zone.



The absorption and load distribution of the floor is the same wherever you are playing on the court. No compromise, no surprise.

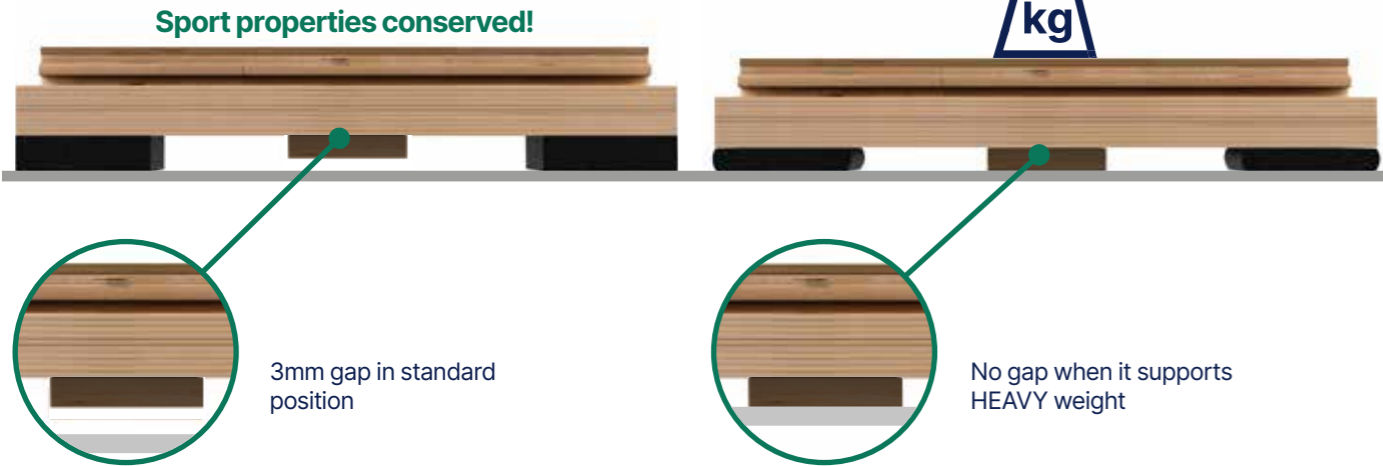
# Partial blocking wood pads

## Load resistance



50mm x 50mm x 9mm

- Thanks to its height of 9 mm, it maintains a gap of 3 mm, allowing for total shock absorption while reinforcing the floor.
- Strategic reinforcement of high-impact zones - such as beneath basketball hoops and movable bleachers - ensures durability where it's needed most.



**Sport properties conserved!**

3mm gap in standard position

No gap when it supports HEAVY weight

## Movable bleacher



## Professional Basketball Backstop\*



\*1500kg Max (Check installation guide for further informations)

# A complete range!

## Core system



### Flooring

(Reference: S557)

- European wood solid oak (3.5mm)
- SPF wood (10.5mm)

Wood plank 18,2mm x 2190mm  
Total thickness 14mm



### Subfloor construction

(Reference: 085N)

- The dual layer construction of large-format plywood panels guarantees uniform performance across the entire court.

Plywood thickness 12mm  
Panel dimension 2,50m x 1,25m  
Total thickness 24mm



### Aspire resilient pads

(Reference: S556)

- Premium resilient pads provide exceptional cushioning under heavy impacts, enhancing player comfort and safety throughout the game.

(50 x 50 x 12 mm)

## Accessories



### Vapour barrier

(Reference: 089E)

- The vapor barrier (200 microns) completes the system by protecting the wood from humidity coming from concrete.

(2m folded x 25m x 200microns)  
(4m unfolded x 25m = 100m<sup>2</sup>)



### Aspire pads template

(Reference: 089D)

- The custom-cut plywood template offers flawless installation and optimal performance.

(2,50m x 1,25m)



### Floor protection-Taraflex® Bateco

(Reference: HM126801 (BATECO 20ml) / HM066801 (BATECO 30ml))

- Removable protection for sports floors.
- Ideal for non-sporting activities.
- Made from 100% recycled products.



### Vented cove base

(Reference: S558)

- Facilitate proper air circulation, prevent moisture buildup, and supports free floor expansion.
- Ideal to finish the court.

(122cm x 7,6cm)



### Blocking wood pads

(Reference: S559)

- Reinforce areas to support the system from heavy loads.

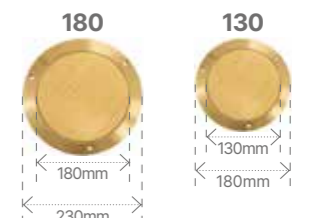
(50mm x 50mm x 9mm)



### Anchor covers

(Reference : S561 (130) / S560 (180))

- Premium anchor covers matching the oak design.
- Exist in 2 sizes.



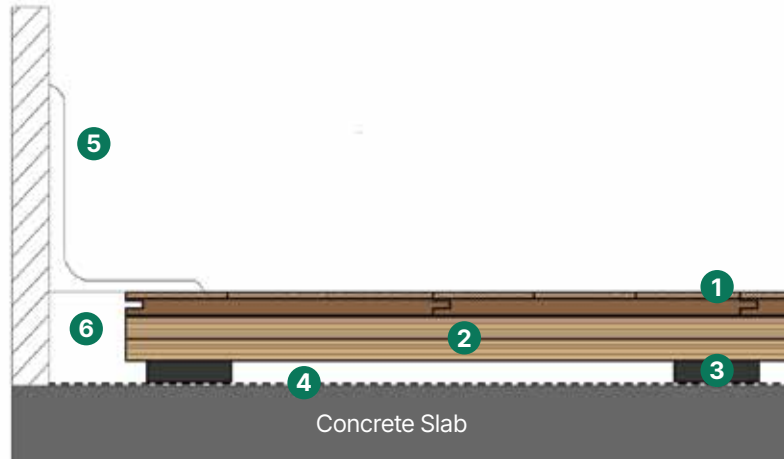
### Suction pad

(Reference: H2940010)


- Help to open the anchor cover.

## Wall base detail

- 1 3 Strips Oak engineered board (14mm)
- 2 Plywood panels 2 Layers (12mm)
- 3 Aspire resilient pads (12mm)
- 4 Vapour Barrier
- 5 Vented Cove Base (76mm x 1220mm)
- 6 Expansion Space



## Product characteristics

Performance	Standard	Requirement	Unit	Results
Thickness	EN 428	-	mm	50
Shock absorption	EN 14808	≥ 25	%	≥ 55
Vertical deformation	EN 14809	≤ 5	mm	≤ 5
Sliding coefficient	EN 13036-4	80 to 110	-	80 to 110
Ball bounce	EN 12235	≥ 90	%	≥ 90
Abrasion resistance	EN ISO 5470-1	≤ 0.08	g	≤ 0.08
Impact resistance	EN 1517	≥ 8	N/m	PASS
Indentation resistance	EN 1516	≤ 0.5	mm	PASS
Fire	EN 13501-1	-	-	



Fire  
Shock Absorption  
Sliding Coefficient  
Resistance to rolling load  
Resistance to wear

Installation informations: find all details on our installation guidelines.

## we care / we act our commitments for 2030

 <p><b>climate</b></p> <p><b>-30% CO<sub>2</sub></b> scopes 1, 2, 3 in tons eq. CO<sub>2</sub>, vs 2019 Science Based Targets<sup>(1)</sup></p>	 <p><b>resources</b></p> <p><b>75%</b> biobased, mineral and recycled content<sup>(2)</sup></p> <p><b>30%</b> recycled content<sup>(3)</sup></p>	 <p><b>circularity</b></p> <p><b>65 000 tons</b> annual volume recycled<sup>(4)</sup></p> <p><b>45%</b> loose-lay<sup>(5)</sup></p>	 <p><b>health &amp; well-being</b></p> <p><b>100%</b> products better than Indoor Air Quality standards<sup>(6)</sup></p> <p><b>95%</b> sales covered by EPD<sup>(7)</sup></p>	 <p><b>people</b></p> <p><b>30%</b> women<sup>(8)</sup></p> <p><b>40%</b> internal mobility<sup>(9)</sup></p> <p><b>Towards 0</b> accident<sup>(10)</sup></p>
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**More details:** 1. Scopes 1, 2 & 3, in absolute value, market-based. Trajectory approved by SBTi (Science Based Targets Initiative). 2. Origin of raw materials for the entire Floor & Wall portfolio, on average, by weight; including 15% virgin salt, a primary element in vinyl manufacturing. Compared to 71% in 2024. 3. Average content in the Floor & Wall vinyl portfolio, by weight. Compared to 21% in 2024. 4. Recycled in our factories and recycling units. Compared to 59 040 tons in 2024. 5. % of Floor activity with non-glued products, easy to remove, easy to re-use. Compared to 40% in 2024. 6. 100% of vinyl and linoleum sold to the building market below 100 micrograms/m<sup>3</sup> (TVOC 28 days). 7. % of Floor & Wall activity covered by Environmental Product Declarations (EPD). Compared to 44% in 2024. 8. % women in our global workforce and among our managers. Compared to respectively 26% and 27% in 2024. 9. % job openings filled with internal hires worldwide. Compared to 25% in 2024. 10. Towards 0 accident: Lost time accident per million hours worked: below 3 vs 8,9 in 2024, for Gerflor employees worldwide.