

Solution guide

Play to win

MULTI-USE



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Solution guide

MULTI-USE

COMMITTED TO PROVIDING YOU WITH A UNIQUE EXPERIENCE

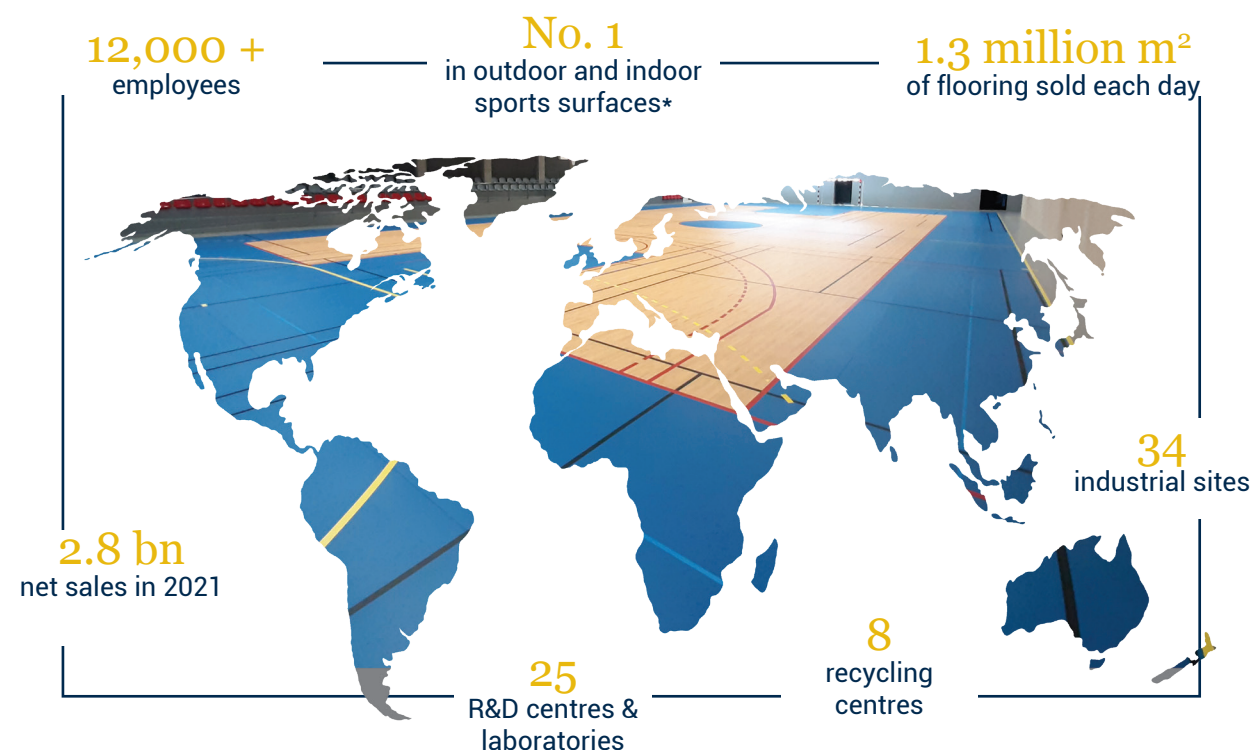
For more than **140 years**, we have been committed every day to the design of quality spaces. We prioritise **people and the planet**, taking into account the environment and the health of current and future generations in our **Tarkett Human-Conscious Design™** approach.

Our ambition is to combine the expectations of each of our customers with **environmental issues** by reducing our carbon footprint and changing the game with the circular economy. By collaborating with our partners, we create **healthier and safer sports spaces** so everyone can thrive while performing.

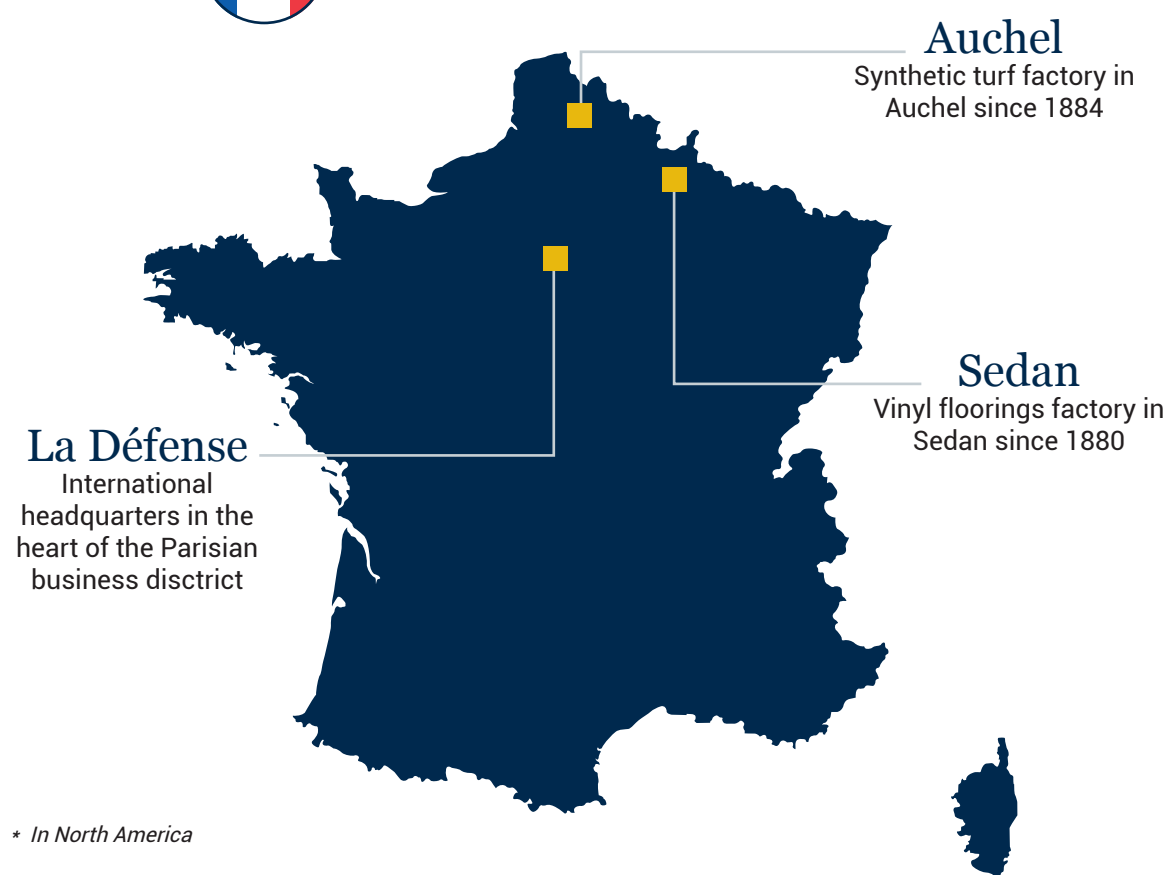
Tarkett Group offers its customers **one of the largest portfolios of sports flooring and surface solutions**—vinyl, linoleum, carpet, parquet, artificial turf, and athletics tracks - and shares its **expertise in multiple market segments** with them.

Do you have a project? Challenge us!

TARKETT IN THE WORD...



...AND IN FRANCE



* In North America

OUR HISTORICAL VINYL FACTORY

A HISTORICAL INDUSTRY IN THE HEART OF THE FRENCH ARDENNES

1880

The Sommer venture began with Alfred Sommer, who founded a felt factory in the French Ardennes.

1912

His son, Roger, joined the family business bringing inventiveness, a creative flair, and a daring spirit.

1922

The factory, partially destroyed during the war, resumed its activities under the direction of his sons Pierre and François Sommer.

1953

The company's future took a whole new turn when felt and plastic were combined to create Tapiflex: a carpet with a plastic surface on a needled felt backing.

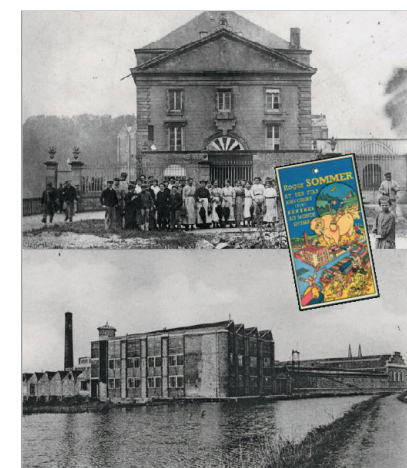
1959

Marked the birth of Tapisom, the first synthetic needled floor covering and Somvyl, a vinyl foam product, real innovations in the market.

1965

Inauguration of Sedan factory dedicated exclusively to wall and floor coverings by the former French Prime Minister Georges Pompidou.

The Mouzon factory during the Belle Epoque.



The Sommer factory, which burned down in 1918, was rebuilt by Roger Sommer, the founder's son.

THE SEDAN FACTORY TODAY

Produces floor and wall coverings for commercial and sports use

40,000 m² produced each day

240 employees

A training center: Tarkett Academy

2 showrooms: commercial solutions and sport

Certified: ISO 9001, ISO 45001, ISO 14001, ISO 50001

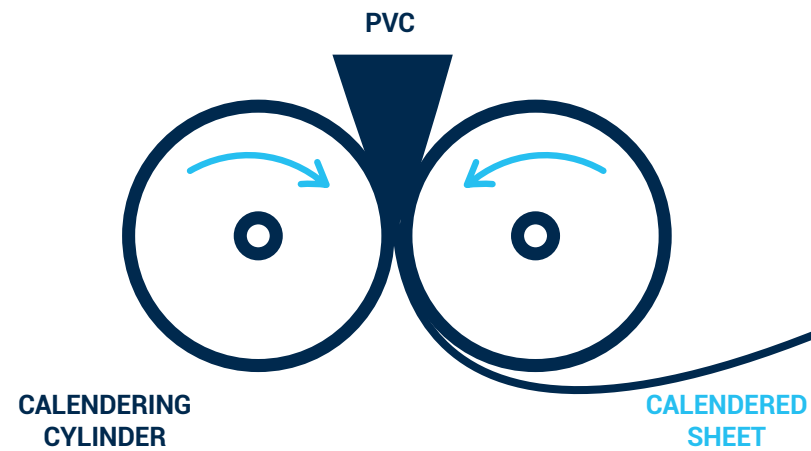


TARKETT ACADEMY

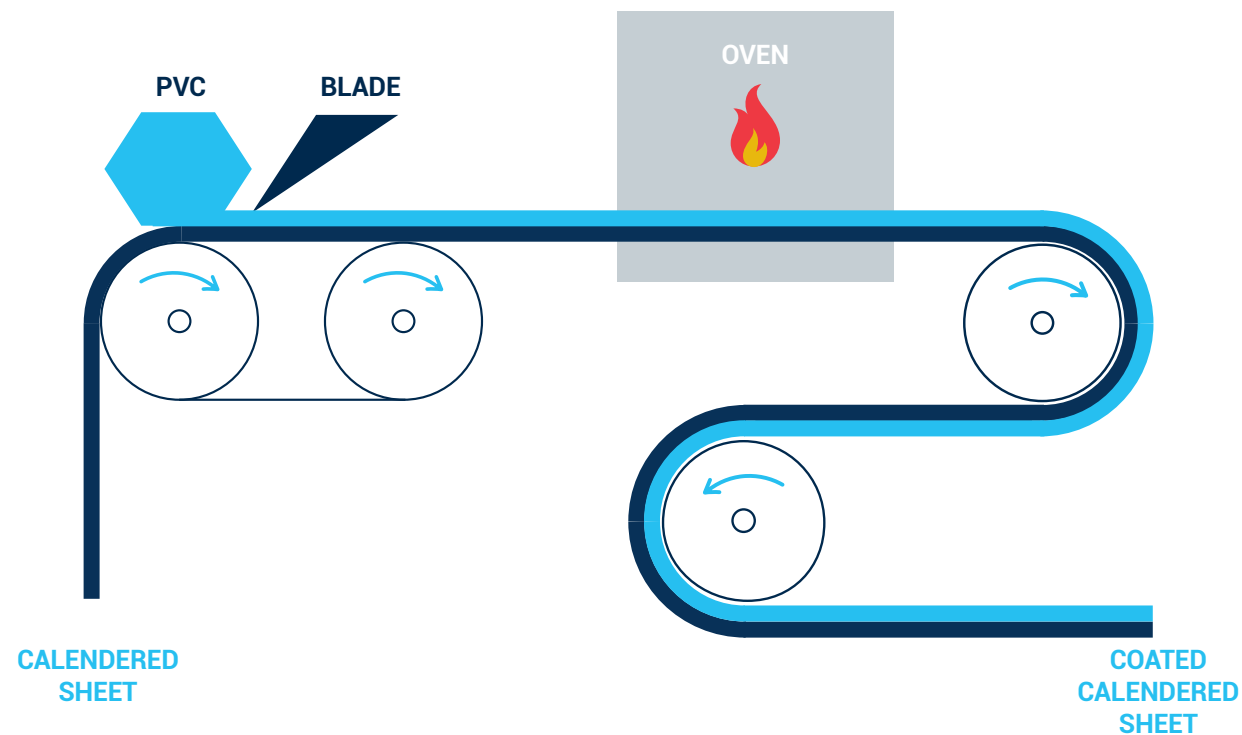
From 2012 to 2021, Tarkett has trained more than **44,000 professionals** in the flooring business and installation techniques in Tarkett Academy centres all around the world.

TWO PROCESSES EXIST FOR MANUFACTURING VINYL FLOORING

Calendering is an operation that consists of passing vinyl between cylinders to produce a sheet.



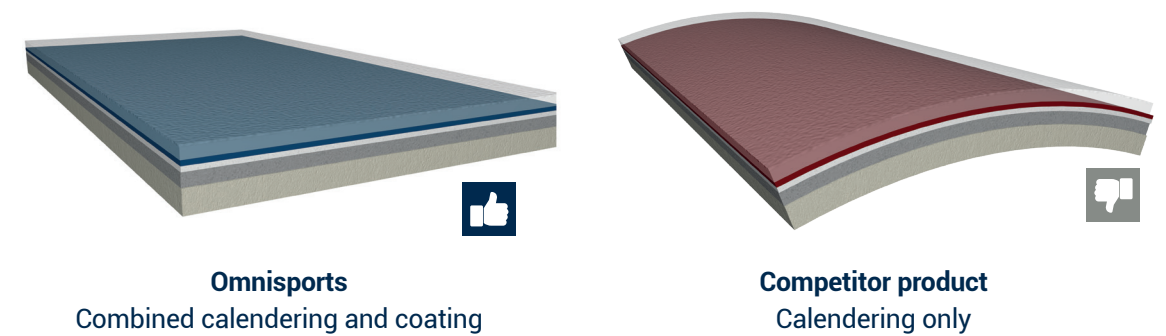
Coating is an operation that consists of coating a base layer (calendered sheet) with one or more additional layers to give it specific mechanical properties and aesthetics.



OMNISPORTS MANUFACTURING PROCESS

These two processes -calendering/coating- are combined to manufacture Omnisports; this association allows:

- **Outstanding dimensional stability** (<0.10%), higher than competitors' products.
- Loose laying with the **exclusive GreenLay™ method** (98% adhesive-free) of Omnisports Reference Multi-use, Active+ & Pureplay ranges.



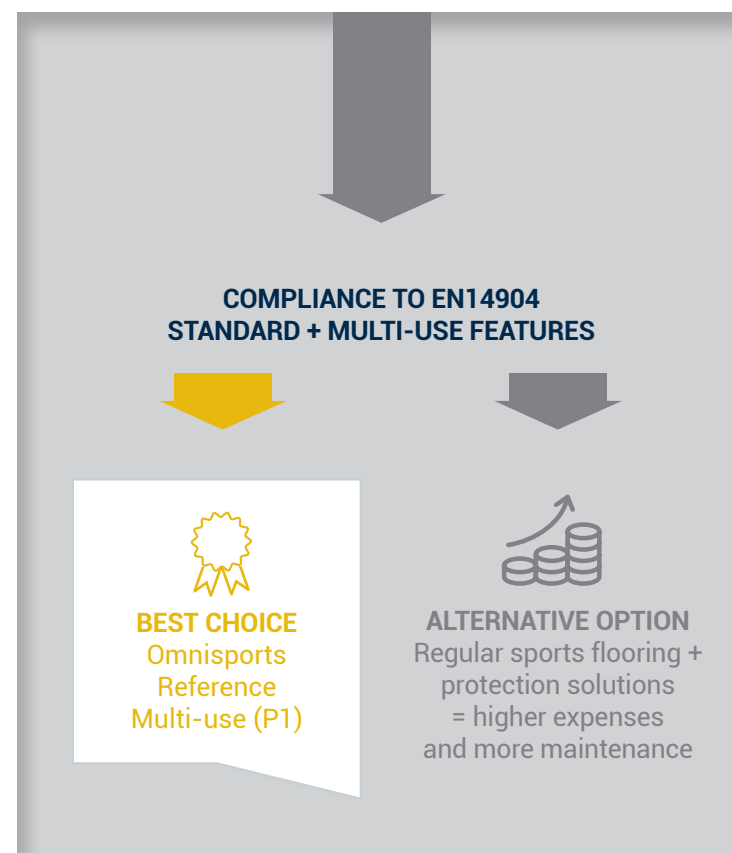
TIP

Check the dimensional stability of flooring with a simple and quick visual control of an A4 sample.

WHY IS IT IMPORTANT TO CAREFULLY SELECT A SPORTS FLOORING FOR A MULTI-PURPOSE FACILITY?

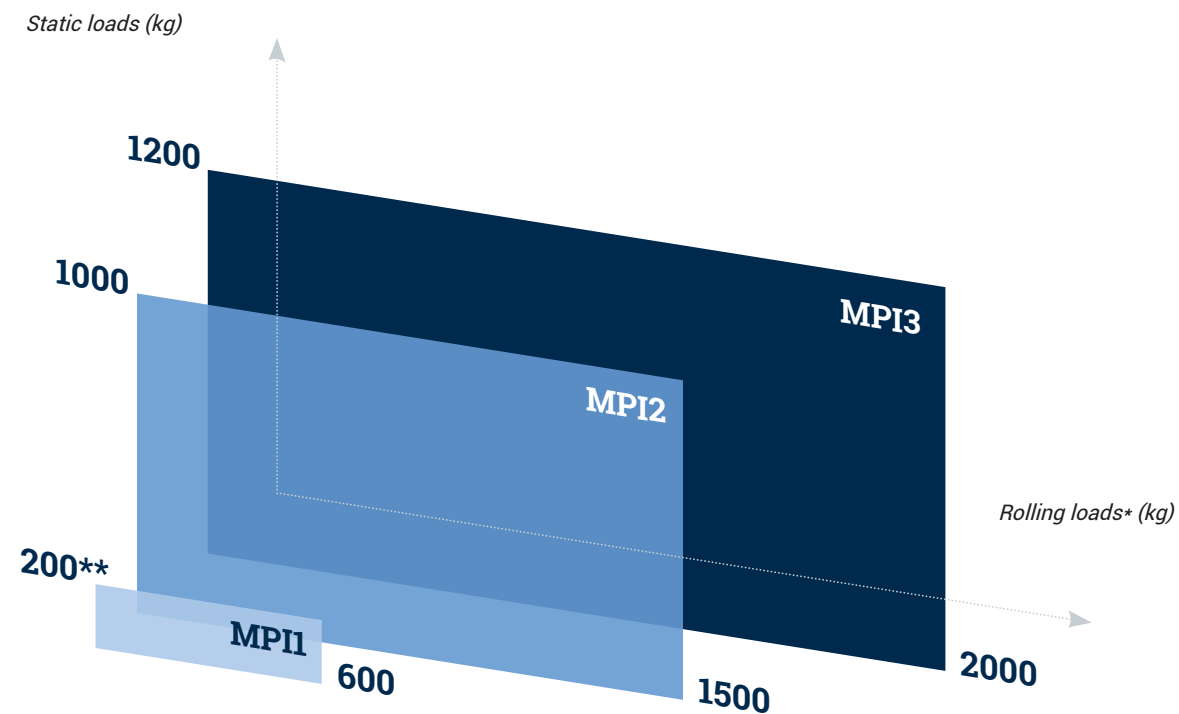
A multi-purpose sports hall is used overwhelmingly for purely sporting purposes. Its floor covering must therefore comply with the requirements of the sports standard EN14904 with a minimum shock absorption of 25% for the safety of athletes.

This equipment is also likely to host non-sports events (elections, conventions, association meetings, etc.). Its floor covering must therefore also be adapted to multi-use requirements.



Teddy Riner sports centre, Omnisports Reference Multi-use, Lesquin, France (2020)

MULTI-PURPOSE INDEX (MPI)



Multi-use levels are determined by two essential criteria: **resistance to static and rolling loads**.

Tarkett Sports identifies three levels of multi-use:

MPI1

Light multi-use:
tables, chairs...

Type of events:
associative meetings,
exams, elections...

Recommended products:
Omnisports Reference
Multi-use

MPI2

Intermediate multi-use:
light bleachers, scissor
lifts up to 2T...

Type of events:
Shows, galas,
receptions...

Recommended products:
Lumaflex Evolution

MPI3

Heavy multi-use:
Heavy bleachers, scissor
lifts up to 3.5T...

Type of events:
Shows, galas, flea
market...

Recommended products:
Lumaflex Extreme

* The weight must be spread on 4 legs with polyamide wheels

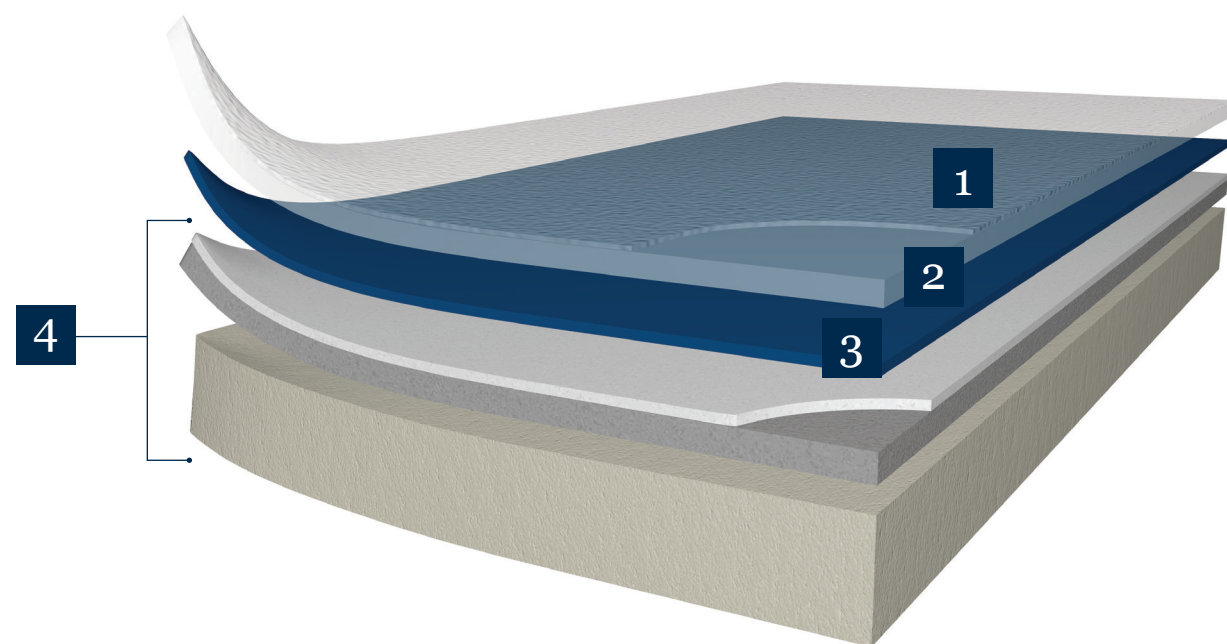
** 4 legs of 5cm² each

For more detailed technical information, please refer to installation and maintenance guides available on our website.



Teddy Riner sports centre, Omnisports Reference Multi-use, Lesquin, France

INNOVATIVE PRODUCT CONSTRUCTION



1 PROTECTION LAYER: comfort and ease of maintenance thanks to the unique surface embossing combined with TopCleanXP™ surface treatment

2 WEAR LAYER: extreme protection and durability thanks to the pur vinyl wear layer

3 DESIGN LAYER: dynamic colours and realistic decor thanks to high definition printing



NEW!

4 PERFORMANCE LAYER: unrivaled sports experience and high resistance thanks to our exclusive technology X3LT



FEEL THE DIFFERENCE!

CHOOSE OUR EXCLUSIVE X3LT TECHNOLOGY - EXTREME 3 LAYERS TECHNOLOGY
THE WINNING COMBINATION OF OUR BEST FEATURES



GLASS VEIL
Less is more!
Extremely tough single glass veil reinforcement

2X
BETTER INDENTATION
RECOVERY THAN SIMILAR
PRODUCTS



CALENDERED SHEET
High performance & durability,
made from recycled material

Up to
60%
RECYCLED CONTENT



XCS CUSHION
High expansion rate
and recovery, less fillers
for maximized performances

+12%
IMPROVED
SHOCK ABSORPTION

UNRIVALED SPORTS EXPERIENCE

High shock absorption level that provides athletes comfort and safety

OUTSTANDING DIMENSIONAL STABILITY

3x better than competitors' products (<0.10%), which allows for the unique GreenLay™ installation method (98% adhesive free)

OPTIMAL RESISTANCE TO MULTI-USE

With better resistance to static and rolling loads than competitors' products, X3LT Technology provides continuous performance for the product's lifespan



AN ADVANCED TECHNOLOGY SPECIFICALLY DESIGNED FOR AN UNRIVALED EXPERIENCE



COMFORT & PERFORMANCE

Optimal shock absorption

XCS aerated high cell density cushion offers improved shock-absorbing comfort. This engineered cushioning technology also assists with excellent fatigue reduction, allowing longer and safer play time for both recreational and competitive athletic activities.



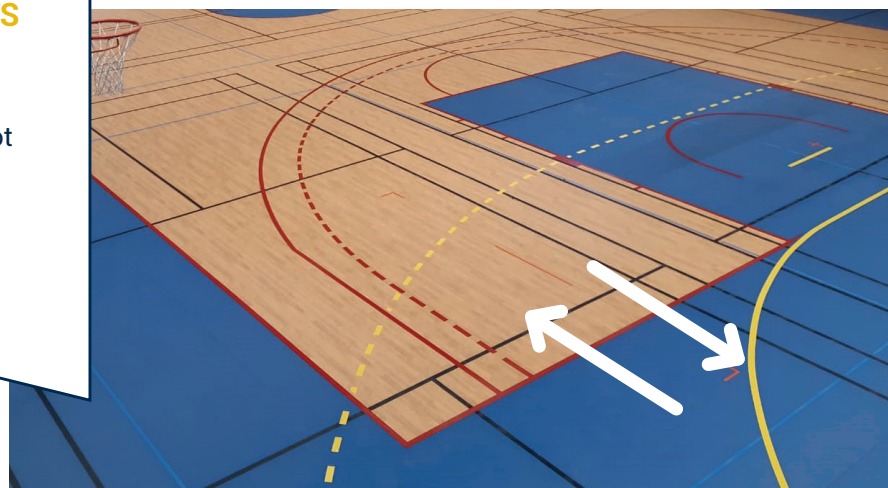
SAFE GRIP CONTROL

Consistent surface friction

The single surface embossing combined with TopClean XP™ treatment provides the proper balance of friction and grip control, whatever the colour or design.

TARKETT SPORTS DIFFERENCE

No change in grip
and feeling underfoot
when moving from
solid to pattern



PERFECT BALL REBOUND

Worthy of wood sports surfaces!

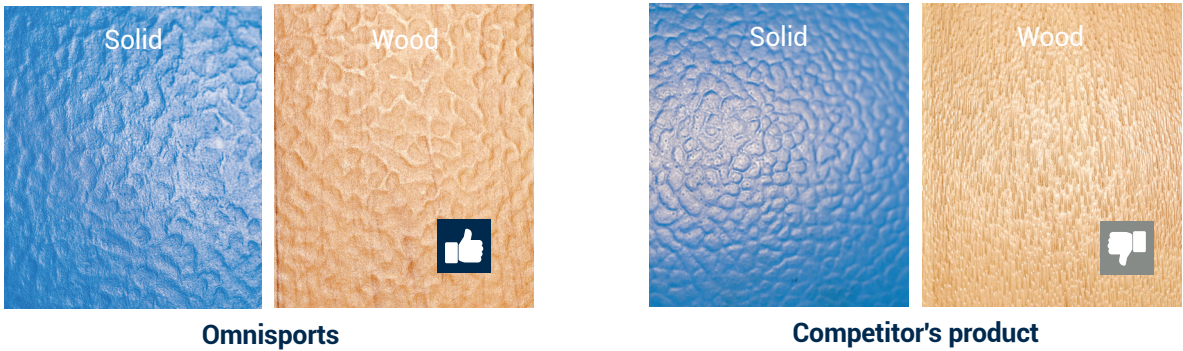
Omnisports Reference Multi-use provides consistent ball bounce on the entire surface and >95%, exceeding the highest level of federal requirements.



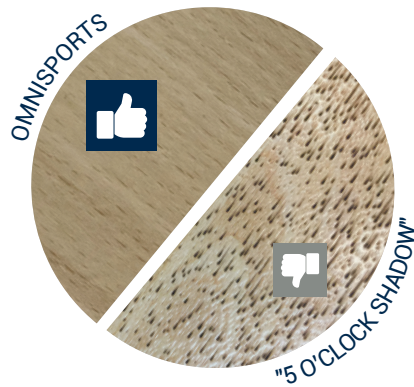
A LARGE PALETTE OF 24 MODERN AND VIBRANT COLOURS & DESIGNS



A UNIQUE TEXTURE, WHATEVER THE COLOUR OR DESIGN



A UNIQUE DIRT REPELLENT TEXTURE



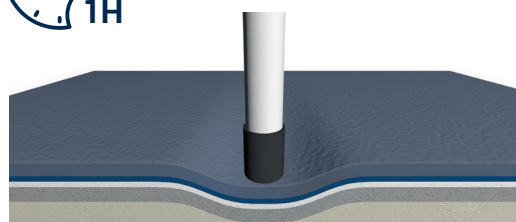
Bellegrave sports centre - Pessac, France

INDENTATION RESISTANCE BASED ON EN1516 STANDARD

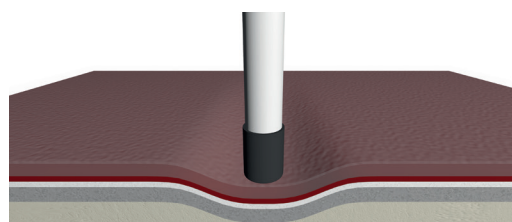
1. TEST



2. IMMEDIATE RESULT

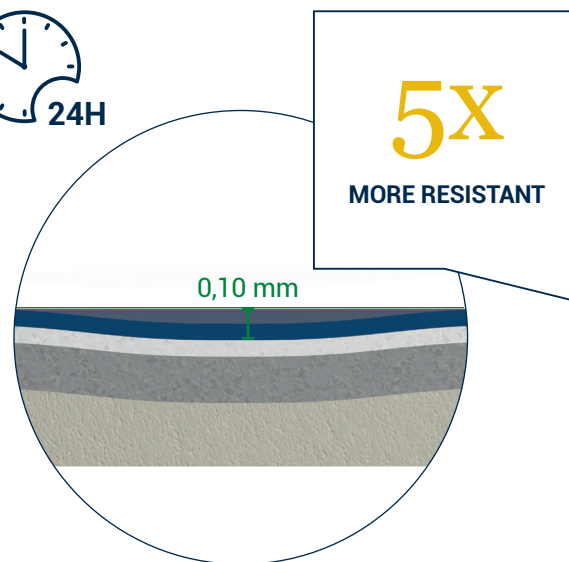


Omnisports Reference *Multi-use*

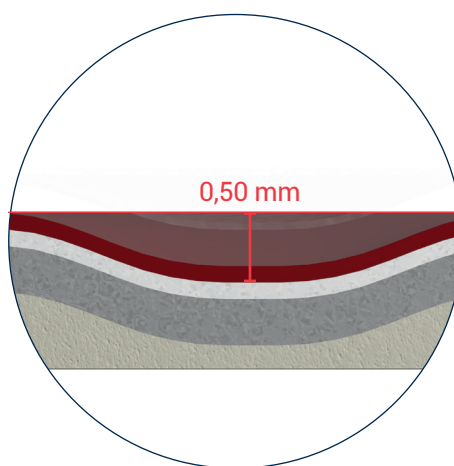


Competitor's product

3. RESIDUAL INDENTATION AFTER 24H



Omnisports Reference *Multi-use*



Competitor's product*

* Declared value

**THE ULTIMATE
MULTI-USE
SOLUTION FOR
ALL YOUR
EVENTS**

Omnisports Reference Multi-use provides exceptional indentation resistance thanks to our exclusive technology X3LT. This allows high and quick recovery after using tables and chairs during non-sports events. Athletes will be able to enjoy an intact playing surface for maximised sports performance.

EASE OF MAINTENANCE

NO
5'CLOCK
SHADOW

Omnisports Reference
Multi-use

Competitor's product

MAINTENANCE HAS NEVER BEEN EASIER
WITH OMNISPORTS SURFACE TREATMENT
TOPCLEAN XP™

Omnisports products benefit from a factory-applied polyurethane surface treatment (TopClean XP™) that makes them extremely resistant to abrasion, scratches, stains, and chemicals, making them easier to maintain. Omnisports' TopClean XP™ surface treatment reduces cleaning and maintenance by simplifying the process and eliminating steps.

ONLY
1%
OF DETERGENT
FOR ROUTINE
MAINTENANCE

DAILY MANUAL MAINTENANCE	WEEKLY MECHANICAL MAINTENANCE	PERIODICAL MAINTENANCE (only 4 times per year)
• Remove dust by sweeping.	• Remove dirt with automatic scrubber machine fitted out with a red pad and only 1% of detergent.	• Remove encrusted dirt with automatic scrubber machine fitted out with a red pad and alkaline detergent.

For more detailed technical information, please refer to maintenance guides available on our website.



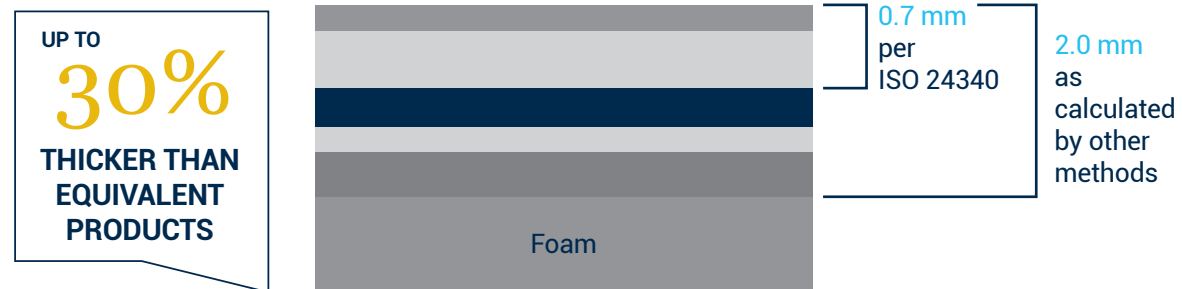
DO NOT
PROMOTE
MICROBIAL
GROWTH

Omnisports products are naturally neutral, and additional treatments or additives are not necessary. Omnisports and its TopClean XPTM surface treatment do not promote microbial growth. They do not create or sustain viruses or other micro-organisms on the surface. Our Omnisports products are pesticide-free for healthier indoor sports spaces.

WHAT IS A WEAR LAYER, AND HOW DO YOU CORRECTLY MEASURE ITS THICKNESS?

The wear layer is the resilient flooring's top layer. Its function is to protect the decor and guarantee a high resistance to abrasion. It prevents premature wearing and ensures the flooring's longevity. Tarkett Sports refers to the EN ISO 24340 standard to determine its thickness. It's important to keep this standard in mind when comparing different products on the market.

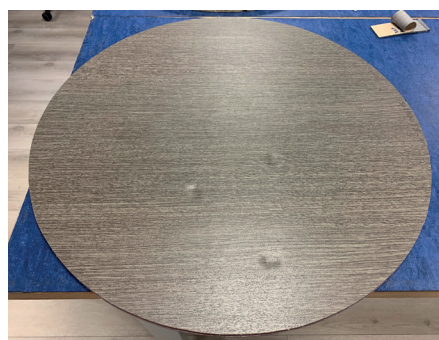
Omnisports floorings benefit from a minimum wear layer of 0.70 mm, measured according to the method mentioned above. It is made of 100% pure PVC, without any mineral filler; otherwise, it would not be transparent.



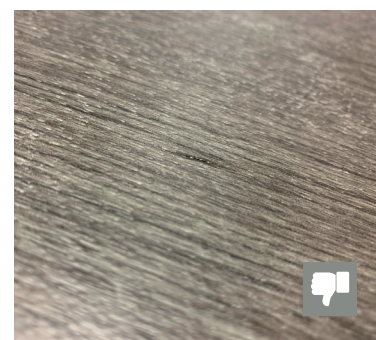
CASTOR CHAIR ISO 4918 STANDARD



Omnisports Reference *Multi-use*



Competitor's product



results NOK after 25000
cycles; the wear layer has been
damaged



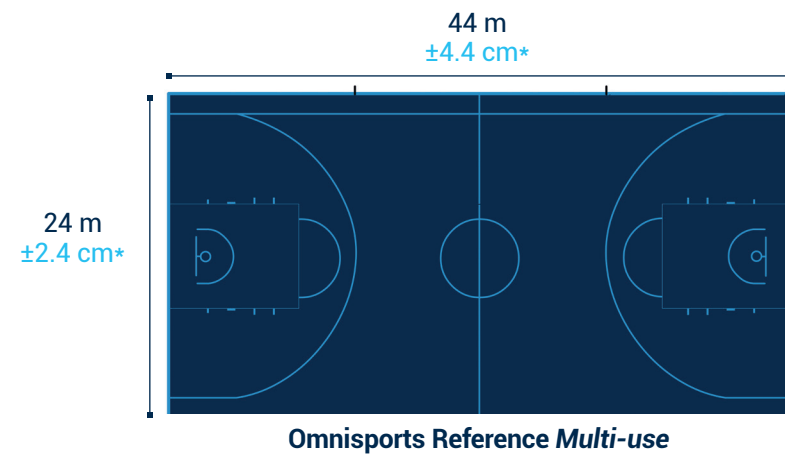
THE LONGEST GUARANTEE ON THE MARKET ON OUR ENTIRE OMNISPORTS RANGE

With its expertise, know-how, and worldwide reputation, Tarkett Sports is confident in its products and is committed to guaranteeing them for **15 years**.

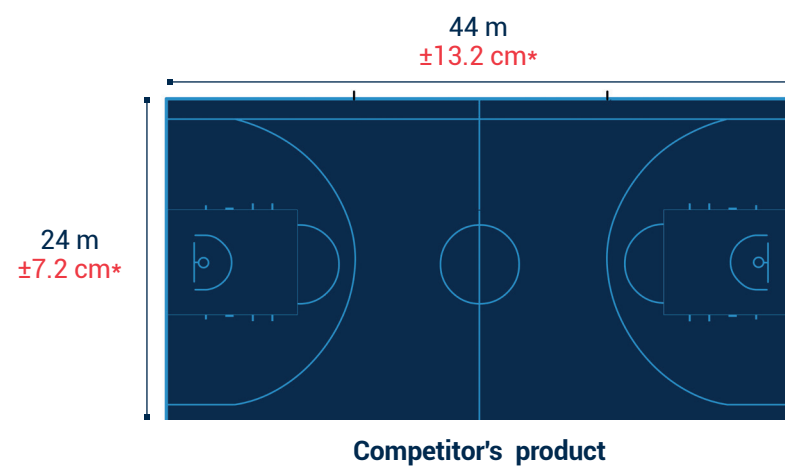


OUTSTANDING DIMENSIONAL STABILITY

ISO 23999 STANDARD



3x
MORE STABLE
THAN
EQUIVALENT
PRODUCTS



Omnisports Reference *Multi-use* has **3x** better dimensional stability than the competitor's product: **<0.1% vs. 0.3%**.
This feature allows for the loose lay installation method: GreenLay™

AN EXCLUSIVE INSTALLATION METHOD: CONVENIENT AND SUSTAINABLE

GREENLAY™**: LOOSE LAY INSTALLATION METHOD
WITH ONLY 2% OF THE SURFACE GLUED




**QUICK & EASY
TO INSTALL**


PROVEN RELIABILITY


**CONVENIENT &
ECONOMICAL**

MORE THAN
2M²
FOR MORE THAN
25 years

* Potential expansion or retraction
(test on unglued samples)

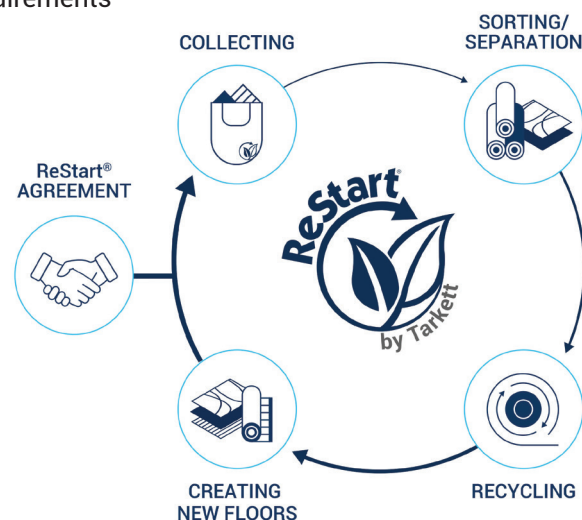
**For more detailed technical information, please refer to
maintenance guides available on our website.



VALUE YOUR JOBSITE WASTE!

RESTART®: FREE COLLECTION AND RECYCLING SERVICE FOR OMNISPORTS & LINOSPORT

- Optimises job site waste management
- Guarantees traceability of collected off-cuts
- Integrates sustainable development and anticipates European regulatory requirements



TAILORED OFFER

ROLL LENGTH ON DEMAND ON OMNISPORTS

Tarkett Sports can handle your length requirement in order to give you and your project the personal attention to detail you deserve:

- Available by «multiples» of 10 cm
- Reduces waste
- Saves time

Minimum quantity: 250 m² (per colour)

GET THE AMOUNT YOU REALLY NEED

CUT SERVICE ON OMNISPORTS

- Available for all product profiles on stock rolls
- Minimum quantity: 5 m²

WOULD YOU LIKE TO IMPROVE YOUR KNOWLEDGE OF INDOOR SPORTS?

TAILORED TRAINING MODULES

Contact our professional and passionate training team for specific training modules that fit your needs:
training.sport@tarkett.com



«
A QUESTION?
A PROJECT?

»
Contact us !

info.tarkettsports.indoor@tarkett.com

OUR ECO-DESIGN APPROACH IS FOUNDED ON THREE INTERRELATED PILLARS



CLIMATE AND CIRCULAR ECONOMY

We continuously work on closing the loop on waste, using more recycled content to preserve our planet's natural resources, and ultimately **reducing** our carbon emissions and **impact on climate change**.

- Six recycling centres and five sustainable production sites in EMEA
- Our ReStart® program offers hassle-free flooring take-back
- Recycling waste and post-use*
- Using and increasing use of recycled content in our products
- Continually working to reduce our products' carbon footprint – scope 1 to 3



GOOD MATERIALS

We offer radical transparency about our products and subject ourselves to external scrutiny so that you can be **clear on the health and environmental performance** of our flooring and confident in your choice.

- Phthalate-free and biocide-free products
- Responsible use of PVC
- Full transparency on our products' ingredients, providing third-party assessments (EPD, MHS)
- Product development following Cradle to Cradle® approach



HEALTH & WELL-BEING

Contribute to **athletes' well-being by providing healthy sports spaces with the highest standards of Indoor Air Quality**.

- Floorings with VOC lower than the most stringent regulations
- Asthma & allergies certifications
- Developing cleaning protocols to reduce the use of biocides and harmful chemicals

* Linosport and Omnisports GreenLay™ installation method



	STANDARDS	OMNISPORTS REFERENCE <i>MULTI-USE</i>
CERTIFICATIONS & CLASSIFICATIONS		
Type of floor covering	EN 14904	Heterogeneous indoor floor covering
Declaration of performance	EN 14904	0120-080-DoP-2020-06
TECHNICAL CHARACTERISTICS		
Total thickness	ISO 24346 (EN 428)	6.2 mm
Total weight	ISO 23997 (EN 430)	3950 g/m²
Width	ISO 24341 (EN 426)	2 m
Length	ISO 24341 (EN 426)	20.5 ml
REQUIREMENTS FOR SAFE USE		
Shock absorption ■ ■ ■	Requirement EN 14808	≥ 25%
Friction ➡	Requirement EN 13036-4	80 to 110
Vertical deformation ⬆	Requirement EN 14809	P1
TECHNICAL PERFORMANCE		
Vertical ball behaviour ⬇	Requirement EN 12235	≥ 90%
Reaction to fire	EN 13501-1	Cfl s1*/**
Resistance to wear ⌚	EN ISO 5470-1	≤ 250 g
Resistance to indentation ⬇	Average measured value	≤ 0.10 mm
	Requirement EN 1516	≤ 0.50 mm
Resistance to a rolling load ⦿	Requirement EN 1569	≤ 0.50 mm
Acoustic efficiency	ISO 10140-3	21dB
Thermal resistance	EN ISO 14456	Approx. 0.09 m² K/W Compatible with underfloor heating



Teddy Riner sports centre, Omnisports Reference Multi-use, Lesquin, France (2020)

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