

Flooring guide

INDOOR SPORTS

Play to win



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Flooring guide

INDOOR SPORTS

With a **wide range of flooring solutions**; meeting the utmost sports performances, **Tarkett Sports** helps you throughout your renovation or new building project.

Our absolute priority is to **meet sportsmen and women's expectations in their different playing environments**.

That's why we are continuously working with international sports bodies and **improving our sports surfaces**.

This expertise enables **Tarkett Sports** to provide flooring solutions, which target the **specific design and performance requirements** of different profiles of athletes, across a range of physical activities.

In addition to sports practice, **facilities are more and more often used to accommodate other social activities** such as exams, local elections, chess tournaments, dances etc.

For this reason, **purpose is one of the key aspects to be considered** when planning the flooring of your project.

Level of practice and athletes' profile will also influence the flooring solution choice.

With our wide portfolio, Tarkett Sports has a solution that will fit your requirement, **from multi-use to leisure up to professional sports practice level**. Choosing the right surface will enhance players' comfort, make the play more enjoyable and contribute to improving athletes' performance.

Tarkett Sports is the only solution provider to offer a **truly segmented approach** for the requirements of all indoor sports activities. No matter the area, we can help you find the right solution to meet your requirements.

Do you have a project? Challenge us!

TARKETT SPORTS IS A WORLD LEADER
 IN ATHLETIC SURFACES, OFFERING COMPLETE SOLUTIONS OF
 INDOOR AND OUTDOOR SPORTS FLOORINGS - THROUGH ITS MULTIPLE OF OWN BRANDS.
 OUR MISSION IS TO: TO OFFER SUSTAINABLE SPORTS SURFACES THAT MAKE
 THE DIFFERENCE FOR ATHLETES BOTH IN PUBLIC AND PRIVATE FACILITIES.



A EUROPEAN LEADER

Tarkett Sports is a French group with our head office based in Paris - La Défense. Our solutions are manufactured in our technologically advanced European factories: Vinyl and Synthetic turf (France), Linoleum (Italy), Wood (Sweden).



A SUSTAINABLE LEADER

Our solutions help to create pleasant sports areas in a healthier environment, thanks to permanent innovations in product design, environmental friendly factories and end of life recycling programmes.



AN INNOVATIVE LEADER

Inventor of synthetic turf systems: 3G, Core fibre, ProMax Hydroflex filling, the intelligent Genius system and Omnisports vinyl with the exclusive GreenLay™ installation method.



AN EXPERIENCED LEADER

Almost 100 million sqm installed, more than 20,000 sites in the world and as many satisfied customers.



A NETWORK OF EXPERTS

Tarkett Sports works with its teams and the most experienced and competent local partners in the industry, for the design and installation of your sports facilities.



A LEADER AT YOUR SERVICE

We are as committed to your project as you are. When you choose Tarkett Sports, you choose a company that knows how to take care of you and the players.



They share their experience...



Partnering with FieldTurf was an easy decision for me and my company. Having experienced their product first-hand and understanding Tarkett Sports commitment to innovation and customer service, makes this an exciting opportunity.



RICHIE GRAY
 COACH ET MANAGING DIRECTOR
 MONTPELLIER - HERAULT RUGBY



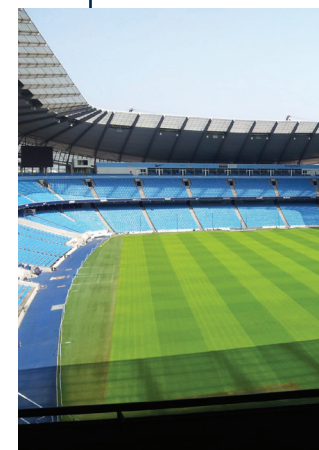
We wanted to bring dynamism and create a friendly space for this sports facility through the use of colours. The variety of Omnisports' colour palette allowed us to think outside the box and let our imagination roam free. We were able to create an original environment that was very well received by the players and the City.



LUDOVIC GAILLOT
 ARCHITECT - PELLEAU & ASSOCIÉS



Thanks to the efforts of a motivated team and an hybrid turf system, we now have one of the best fields in the English Premier League. The GrassMaster system enables us to maintain a free draining, stable and consistent playing surface.



LEE JACKSON
 GARDEN KEEPER
 MANCHESTER CITY



Our maintenance teams are particularly pleased with Tarkett Sports flooring in Astroballe hall. After more than 10 years, the facility is still in perfect condition and many European clubs asked how we did to have such high quality wood flooring!



XAVIER FABRE
 SPORTS DEPARTMENT - VILLEURBANNE

EN 14904

The EN 14904 standard is the basis of the EC marking for indoor sports surfaces. This standard is mandatory and specifies certain requirements for sports flooring in indoor facilities. The standard guarantees a safe and adapted surface for sports performance and comfort, as well as a durable and resistant flooring throughout its lifespan.

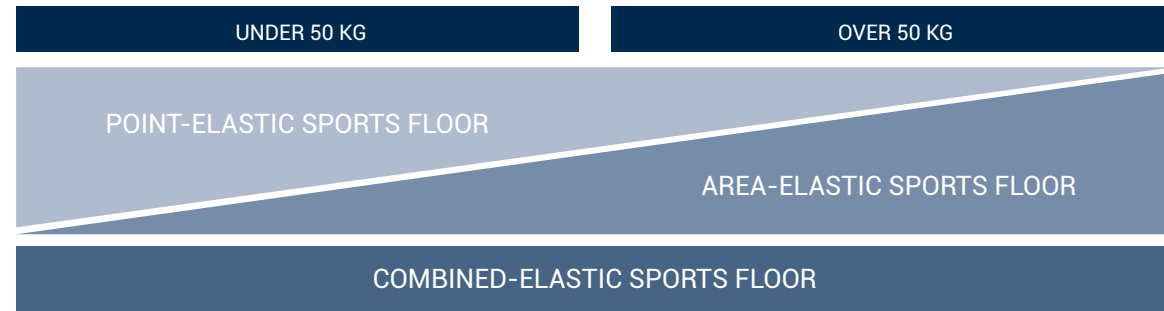
REQUIREMENTS FOR SAFETY IN USE	STANDARDS	REQUIREMENTS
Shock absorption	EN 14808	≥ 25%
Friction	EN 13036-4	80-110
Vertical deformation	EN 14809	≤ 5MM

TECHNICAL REQUIREMENTS	STANDARDS	REQUIREMENTS
Vertical ball behaviour	EN 12235	≥ 90%
Resistance to a rolling load	EN 1569	≤ 0.5MM
Resistance to wear	EN ISO 5470-1	<1G (SYNTHETIC FLOORING) <0.08G (LACQUERED SURFACE)
Reaction to fire	EN 13501-1	ACCORDING TO STANDARD
Resistance to indentation	EN 1516	< 0.5MM
Resistance to impact	EN 1517	< 0.5MM
Formaldehyde emission and content of pentachlorophenol	EN 717-1 EN 717-2	DECLARATION
Specular reflectance	EN 13745	ACCORDING TO STANDARD
Specular gloss	EN ISO 2813	≤30% AT 85° ANGLE ≤45% (LACQUERED SURFACE)



A GOOD SPORTS FLOORING IS ONE WHICH IS IDEALLY SUITED TO THE SPECIFIC PROFILE OF ITS USERS

Tarkett Sports develops sports floorings which not only contributes to athletes' comfort and enhanced sports performances, but at the same time has high wear resistance and low maintenance properties to save you time and money.



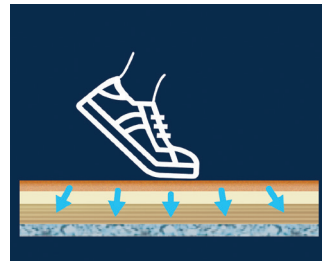
POINT-ELASTIC FLOORINGS

A surface that provides deflection only at or close to the point of impact - for example vinyl floorings with cushion backing.

- + Multi-sports, versatility & cost effectiveness

TARKETT SPORTS SOLUTION

- Omnisports



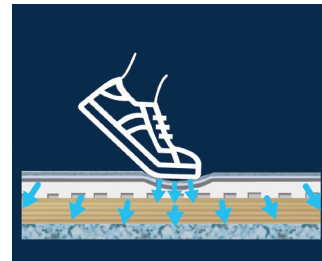
AREA-ELASTIC FLOORINGS

A surface that deflects the force of point impact over a relatively large area - for example parquet floors.

- + Performance & energy for competition level

TARKETT SPORTS SOLUTION

- S'Match-it
- Lumaflex Extreme Linosport xf²™
- Lumaflex Energy Linosport xf²™
- Lumaflex Energy Omnisports Compact
- Lumaflex Evolution Linosport xf²™
- Lumaflex Evolution Omnisports Compact



COMBINED-ELASTIC FLOORINGS

Area elastic floor with a point elastic top layer, which provides both localized deflection and deflection over a wide area of the force of point impact - typically cushion vinyl floors over a sub-construction.

- + Performance & extreme comfort for competition level

TARKETT SPORTS SOLUTION

- Lumaflex Energy Omnisports Reference *Multi-use*

PLAY IN HEALTHIER INDOOR SPACES A HEALTHY ATHLETE IS A BETTER ATHLETE

Indoor air quality is essential for athletes' health and especially children who are exposed to higher risk of indoor pollution due to immature lungs.

EXPOSURE RISK WITH INDOOR POLLUTION



Without sports activity



Athletes during sports activity



Children during sports activity

That's why choosing a sports flooring made from carefully selected materials that contributes to better indoor air quality is key for any project.

TARKETT SPORTS CARES ABOUT INDOOR AIR QUALITY



Learn more about our commitment to the planet page 64.

ENJOY YOUR SPORTS FLOORING FOR YEARS TO COME MAINTAIN THE GAME

Choose sustainable engineered solutions to ensure the **optimal lifespan of your projects.**

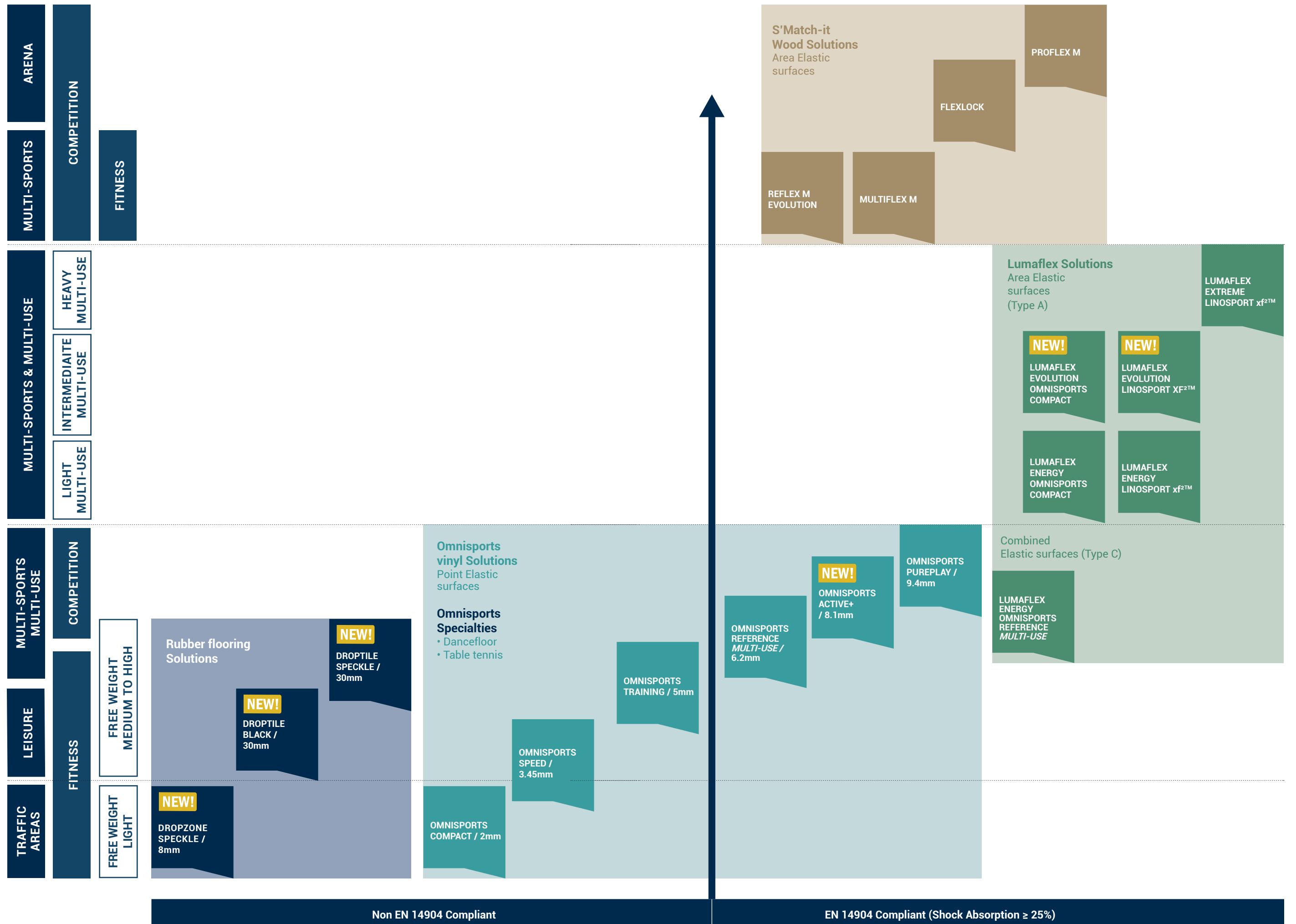
- Our engineered surface treatments provide **extreme mechanical resistance, enhanced resistance to stains and scratches and ease of maintenance:**



- Our advanced technologies provide **continuous performance and optimal appearance** throughout products lifespan:

- Maximum **resistance to static and rolling loads** with our Omnisports and Lumaflex ranges
- **Enhanced durability:** our S'Match-it ranges **keep looking good over time independently from temperature and humidity variations** thanks to our multi-layers systems.

INDOOR SPORTS FLOORINGS OVERVIEW



SOLUTION GUIDE A dedicated solution for each area

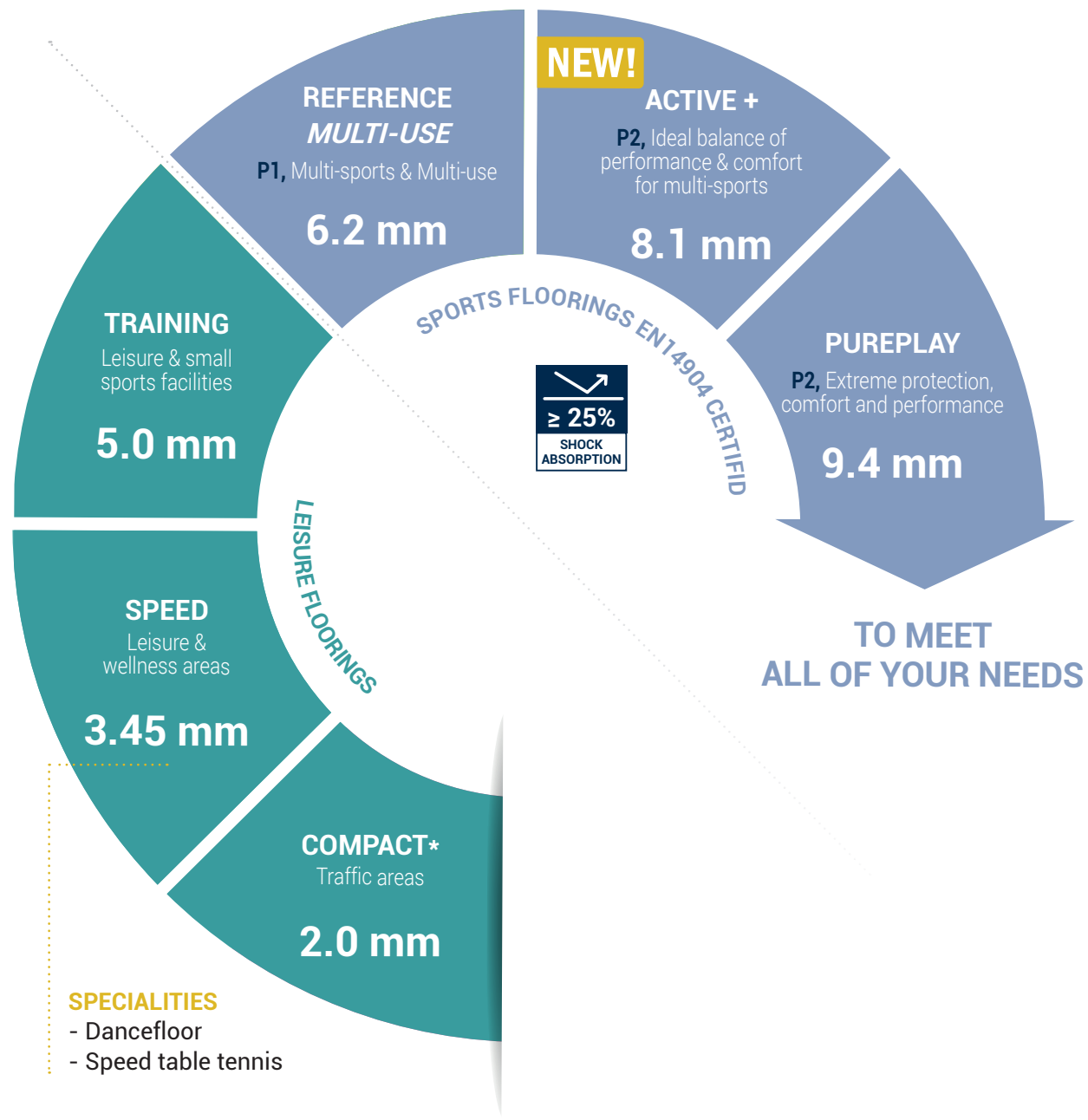
- Highly recommended
- Suitable

		INDOOR SPORTS																						
		OMNISPORTS (Vinyl)						SMATCH'IT (Wood)				LUMAFLEX (Combined)						DROPZONE / DROPTILE (Rubber)			PROTECTION SOLUTIONS			
		Pureplay	Active +	Reference <i>Multi-use</i>	Training	Speed	Speed Table Tennis	Dancefloor	Compact	Proflex M	Flexlock	Multiflex M	Reflex M Evolution	Lumaflex Extreme Linosport xt ² ™	Lumaflex Energy Omnisports Reference <i>Multi-use</i>	Lumaflex Energy Omnisports Compact	Lumaflex Energy Linosport xt ² ™	Lumaflex Evolution Omnisports Compact	Lumaflex Evolution Linosport xt ²	Dropzone Speckle	Droptile Black	Droptile Speckle	Protectiles	Touchdown
EDUCATION																								
MIDDLE SCHOOL	Multi-sports	●	●	●							●	●											●	●
	Multi-use			●										●	●	●	●	●	●				●	●
HIGH SCHOOL	Multi-sports	●	●	●							●	●		●	●	●	●	●	●				●	●
	Multi-use			●										●	●	●	●	●	●				●	●
UNIVERSITY	Multi-sports	●	●							●	●	●	●	●	●	●	●	●	●				●	●
	Multi-use			●										●	●	●	●	●	●				●	●
COMPETITION																								
	Basketball									●	●	●	●											
	Handball	●	●								●	●		●	●									
	Volley-ball	●	●								●	●		●	●									
	Badminton	●	●	●										●	●									
	Table Tennis					●																		
	Squash									●	●	●												
LEISURE																								
CITY GYMNASIA	Multi-sports	●	●	●							●	●	●	●	●	●	●	●	●					
	Multi-use			●										●	●	●	●	●	●				●	●
	Squash									●	●	●	●	●	●	●	●	●	●					
	Roller													●	●									
	Floorball	●	●	●							●	●	●	●	●									
	Futsal		●	●							●	●	●	●	●									
	Modern dance										●	●												
	Ballet dance							●																
FITNESS																								
	Group classes	●	●	●	●	●					●	●	●	●	●	●	●	●	●					
	Yoga	●	●	●	●						●	●												
	Tai Chi	●	●	●	●						●	●												
	Pilates	●	●	●	●						●	●												
	Cardio: bikes, treadmills, rowing machines,...													●	●	●	●	●	●	●	●	●	●	●
	Indoor cycling													●	●	●	●	●	●	●	●	●	●	●
	Boxing			●	●	●					●	●		●	●									
	Workout - free weights (light)																			●	●	●	●	●
	Workout - free weights (medium)																			●	●	●	●	●
	Workout - free weights (heavy)																			●	●	●	●	●
	Crossfit																				●	●	●	●
	Functional training			●	●	●								●	●	●	●	●	●	●	●	●	●	●
	Martial arts			●	●	●					●	●												
	Traffic areas: welcome, lockers, cafeteria,...								●															

OMNISPORTS

Enhance the pleasure of playing with the Omnisports vinyl flooring collections. These sports floorings contribute to the enjoyment of the players, by improving their comfort, safety and performance.

From leisure up to competition level, our Omnisports range offers dedicated solutions for multi-sports and multi-use requirements.



- SPECIALITIES**
- Dancefloor
 - Speed table tennis



* To comply with the EN standard, Omnisports Compact, must be combined with a Lumaflex Energy or Evolution sub-construction. Learn more page 42.



1 SUPERIOR PERFORMANCE AND LONGTERM SAVINGS

OMNISPORTS IS BACKED WITH A SINGLE SURFACE EMBOSSING COMBINED WITH TOPCLEAN XP™ SURFACE TREATMENT

- **Consistent surface texture and friction:** Provides the same high level of performance, whatever the colour or design.
- **Superior performance and protection:** Grants athletes the proper balance of surface friction and grip control for enhanced game play and increased protection.
- **Ease of maintenance:** Provides superior resistance to stains and scratches thanks to **TopClean XP™** surface treatment. **Just wash, rinse and you're done.** Omnisports single surface embossing repels dirt keeps aesthetic and clean appearance with no '5 o'clock shadow effect'.
- **Longterm savings:** Omnisports keeps its performance and appearance throughout its lifespan. It requires less mechanical cleaning and periodical maintenance with no need for wax or polish. **Save up to 25% on maintenance and cleaning budget.**



2 EXTREME PROTECTION AND DURABILITY

VINYL WEAR LAYER

- **Long lasting protection:** Provides higher protection for the floor covering design than equivalent products on the market with **30% thicker wear layer**⁽¹⁾
- **Extreme mechanical resistance:** Omnisports provides **2X more resistance** to wear, scratches and abrasion than any equivalent product on the market⁽²⁾
- **Optimal stain resistance:** Our engineered wear layer made from pure vinyl provides enhanced resistance to even the most persistent of stains.

3 DYNAMIC COLOURS AND REALISTIC DECORS

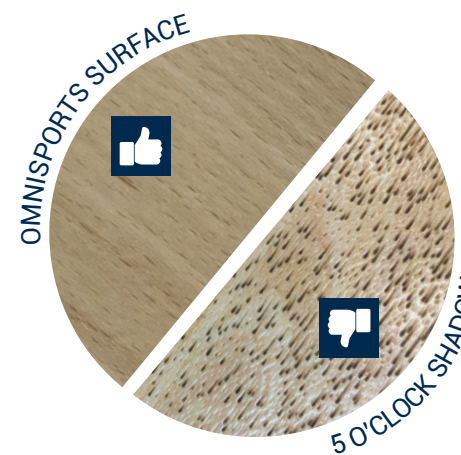
HIGH DEFINITION PRINTING FOR A REALISTIC WOOD SURFACE APPEARANCE AND BUILT-IN UNIS FOR HIGHER COLOUR INTENSITY

- **Endless design possibilities:** Learn more about Omnisports design options page 28.

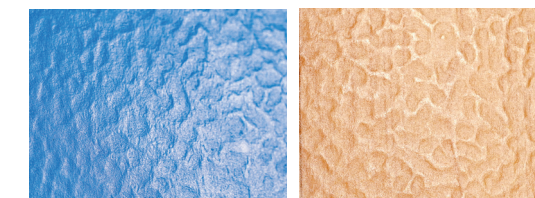
4 EXTREME PERFORMANCE AND ENHANCED GAME EXPERIENCE NEW!

OMNISPORTS X3LT - EXTREME 3 LAYERS TECHNOLOGY

- **Boosted sports experience:** **XCS aerated high cell density cushion** offers improved shock absorbing comfort while providing better indentation recovery, unequaled with any other similar product in the market. This engineered cushioning technology also assists with excellent fatigue reduction allowing longer and safer play time for both recreational and competitive athletic activities.
- **Outstanding dimensional stability:** **3X** better than equivalent products on the market⁽³⁾, (<0.10%) which allows for the **unique GreenLay™ installation method** 98% adhesive free.
- **Superior fatigue reduction and lower deformation:** **XCS high-quality expanded cellular cushion** combined with our **durable resilient calendared layer** and extremely **tough reinforcing glass veil** provides superior fatigue reduction, better sports performance, and higher resistance to rolling and static loads compared to similarly constructed products. Our advanced technology provides continuous performance for product's lifespan⁽⁴⁾.

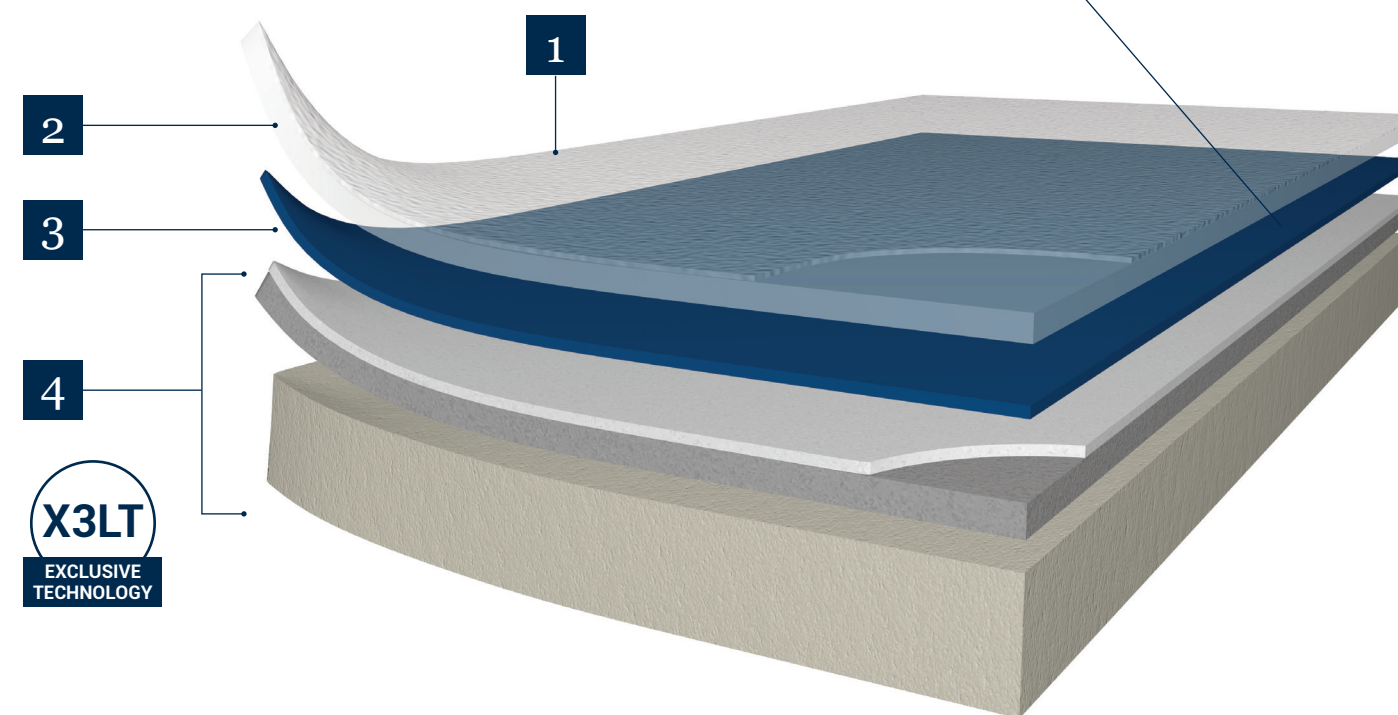


SAME SURFACE EMBOSSING



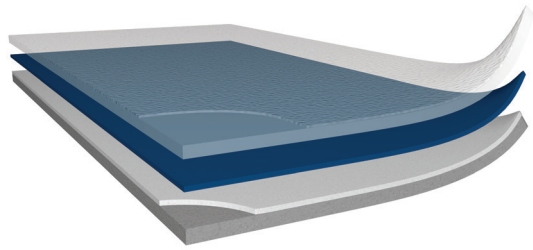
SOLID COLOUR DESIGN

WOOD DESIGN



<p>GLASS VEIL Less is more! Extremely tough single glass veil reinforcement</p> <p>2X</p> <p>BETTER IDENTATION RECOVERY THAN SIMILAR PRODUCTS</p>	+	<p>CALENDARDED SHEET High performance & durability, made from recycled material</p> <p>Up to 60%</p> <p>RECYCLED CONTENT</p>	+	<p>XCS CUSHION High expansion rate and recovery, less fillers for maximized performances</p> <p>+12%</p> <p>IMPROVED SHOCK ABSORPTION</p>
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(1) Based on ISO 24340 standard
 (2) Abrasion test result according to EN ISO 5470-1
 (3) Based on ISO 23999 standard
 (4) Lifespan = 15 years



COMPACT
2.0MM

Ideal flooring for traffic areas

KEY FEATURES

- Excellent resistance to indentation marks: **0.10mm.**
- Easy circulation of rolling loads.
- Suitable for installation with Lumaflex Energy and Evolution sub-constructions: area-elastic system (A4), ideal for multi-sports facilities and light multi-use purposes.



APPLICATIONS

Traffic areas: corridors, lockers*, entrance halls, meeting rooms, cardio (bikes, treadmill, rowing machines, etc.)

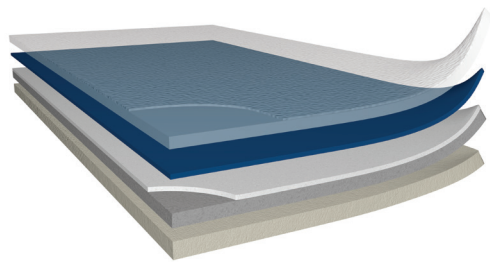


FORMAT



Roll
2m x 23 lm

* Without direct access to wetrooms



SPEED
3.45 MM

Ideal for walking and acoustic comfort in fitness, leisure and wellness areas

KEY FEATURES

- Walking and acoustic comfort.
- High resistance to indentation marks: **0.18mm**
- High resistance to rolling loads.



APPLICATIONS

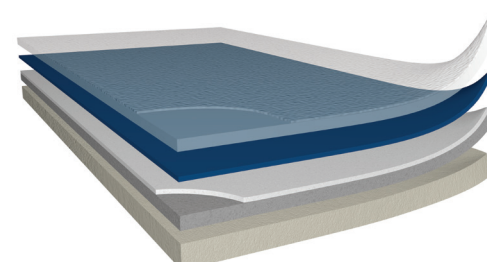
Fitness, wellness centres, boxing, etc.



FORMAT



Roll
2m x 20.5 lm



TRAINING
5.0MM

Ideal for small sports facilities and leisure areas

KEY FEATURES

- Good shock absorption level: **18%.**
- Good walking and acoustic comfort.
- Excellent resistance to indentation marks: **0.11mm.**



APPLICATIONS

Fitness, wellness centres, yoga, tai chi, aerobics, boxing, rehabilitation centres, etc.

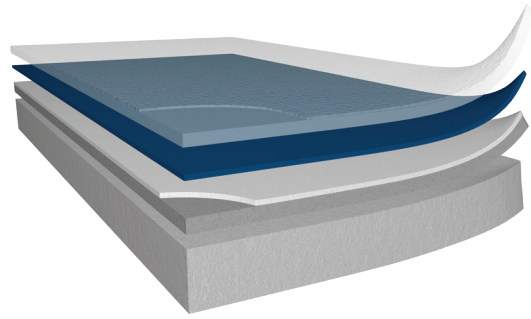


FORMAT



Roll
2m x 20.5 lm





REFERENCE MULTI-USE
6.2 MM

Ideal flooring for multi-sports practice and non-sporting events



KEY FEATURES

- P1 level shock absorption: **≥25%**.
- Exceptional resistance to static loads (chairs, tables, bleachers,...): **≤0.10mm***.
- Superior resistance to heavy rolling loads (trolleys...).
- Resistance to stains and scratches: **0.70mm vinyl wear layer**.
- Available with **GreenLay™** exclusive installation method: **98% adhesive-free**.



APPLICATIONS

Multi-sports: basketball, volley-ball, handball, badminton, futsal... and non sporting events: exams, elections, balls, public meetings, associative meetings...



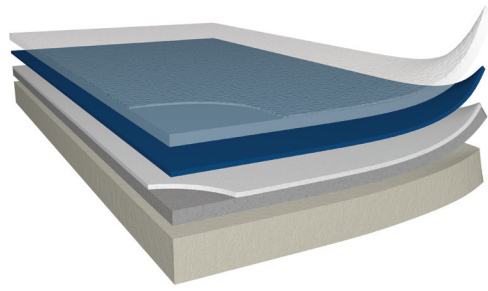
FORMAT



Roll
2m x 20.5 m

*Chair with 80kg person during 5h.





NEW!

ACTIVE +
8.1 MM

Ideal balance of performance
& comfort for multi-sports

KEY FEATURES

- P2 level shock absorption: **≥35%**.
- Good underfoot and acoustic comfort.
- Uniformly reactive surface for consistent ball bounce.
- Resistance to stains and scratches: **0.70mm vinyl wear layer**.
- Available with GreenLay™ exclusive installation method: **98% adhesive-free**.



APPLICATIONS

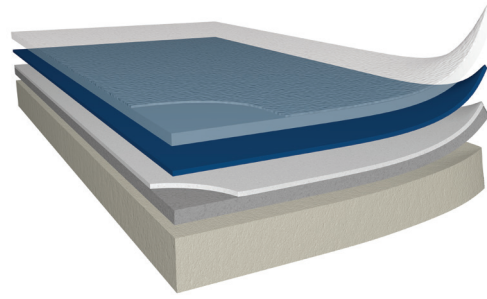
Multi-sports team: volley-ball, handball, badminton, basketball, futsal...
And individual: tai chi, gymnastics, etc.



FORMAT



Roll
2m x 20.5 lm



PUREPLAY
9.4 MM

Extreme protection,
comfort and sports performances

KEY FEATURES

- P2 level shock absorption: optimized cushion-vinyl construction, **6.5mm** foam for excellent performance.
- Excellent underfoot comfort for maximum playing comfort and protection for athletes.
- Resistance to stains and scratches; **0.80mm vinyl wear layer**.
- Available with GreenLay™ exclusive installation method: **98% adhesive-free**.



APPLICATIONS

City sportshalls with multi-sports usages:
basketball (up to competition level), handball, volley-ball, etc.



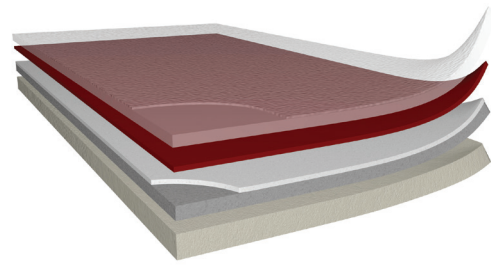
FORMAT



Roll
2m x 20.5 lm



P2
MULTI-SPORTS:
COMFORT
& PERFORMANCE



SPEED TABLE TENNIS
3.45 MM

Textured sports surface
ideal for table tennis practice

KEY FEATURES

- Balanced grip thanks to textured surface with specific embossing.
- Superior resistance to indentation marks: tables, etc.
- Underfoot comfort.

APPLICATIONS



AVAILABLE COLOURS



Red

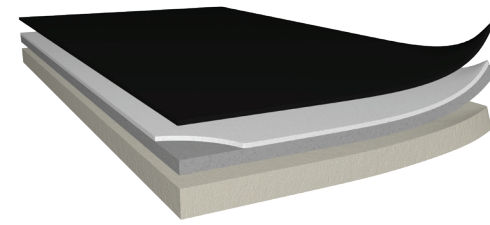
FORMAT



Roll
2m x 20.5 lm



* For permanent installations



DANCEFLOOR
3.45 MM

The ideal solution for dance studios
professional and amateur classic ballet

KEY FEATURES

- Excellent grip.
- Reduced risk of injury.
- Increased performance.

APPLICATIONS



AVAILABLE COLOURS



Grey



Black

FORMAT



Roll
2m x 15 lm



Metropolitan Ballet Academy - Montreal, Canada

A LARGE PALETTE OF 24 MODERN AND VIBRANT COLOURS & DESIGNS

Boost children's energy levels with **vibrant colours**.

CUSTOMISED OFFER

Would you like a sports hall with your city or club colours?
Create your own colour based on other Tarkett collections or from RAL/ Pantone/ NCS proposal.

*Minimum quantity 800m² (+/- 10% by colour)
Leadtime 7 weeks*

Royal Blue		Night Blue		Sky Blue		Teal	
Lagoon		Coral		Magenta		Purple	
Red		Grey		Black		Orange	
Yellow		Mint Green		Light Green		Lime	
Light Maple		Beech		Golden Maple		Classic Oak	
Dark Beech		Maple Red		Maple Grey		Maple Sky Blue	

● ON DEMAND available, for Compact, Speed & Training, minimum quantity: 700m² (+/- 10%)

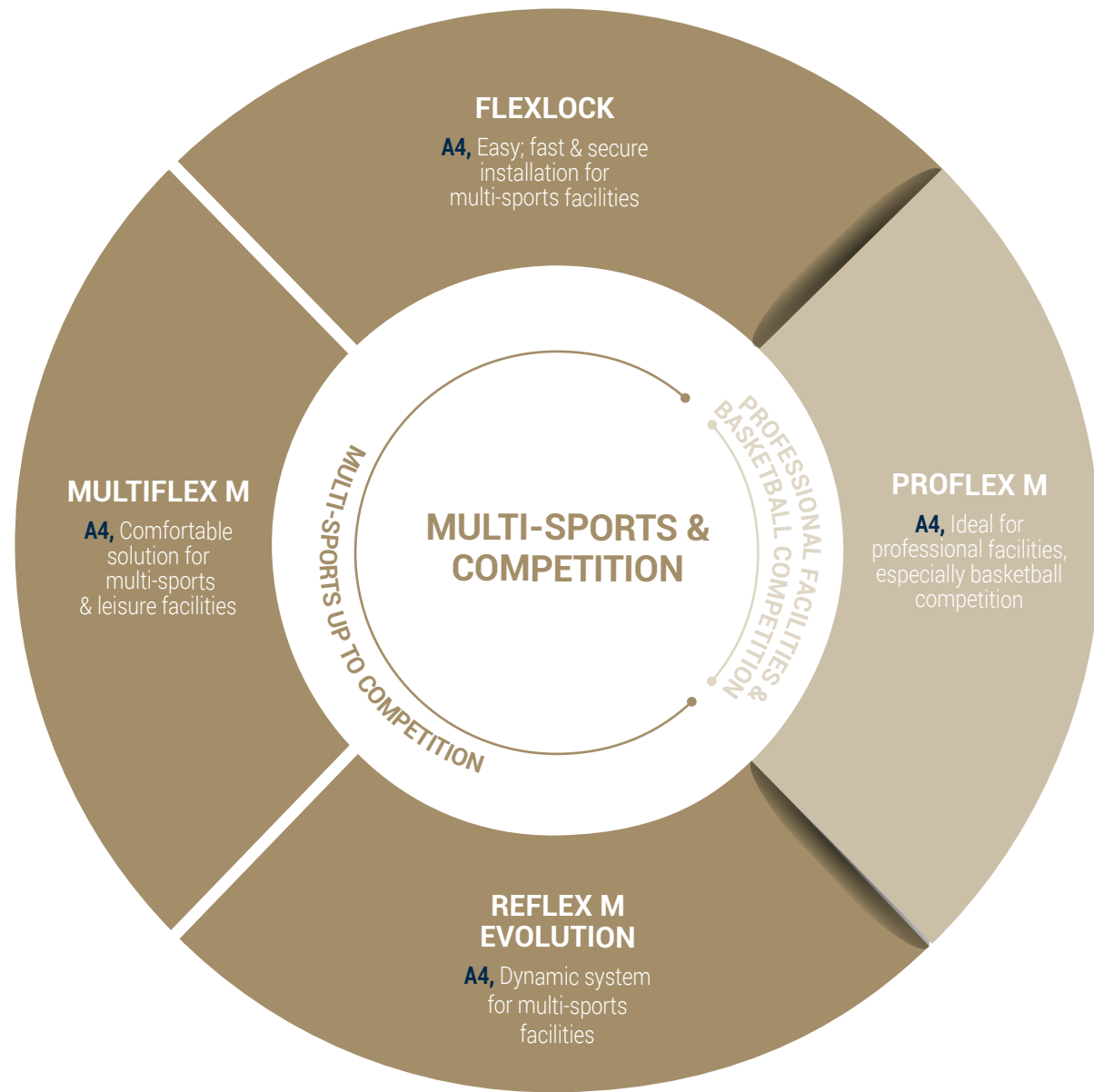
MIX AND MATCH

Give your creativity the freedom it deserves!



SMATCH-IT

S'Match-it wood sports flooring collection provides optimal comfort and high performance to all type of athletes especially players that require reactive surfaces when they run, step or jump. Over the years, Tarkett Sports has considerably improved the quality and sophistication of its wood solutions to meet the utmost sports standards and preserve planet resources thanks to its multi-layer construction.



Petit Palais des Sports, France - Flexlock

WOOD SPORTS FLOORING IS THE IDEAL CHOICE FOR LEISURE AND MULTI-SPORTS UP TO COMPETITION LEVEL

As a natural material, all wood moves, shrinking in dry conditions and expanding in high relative humidity environments. It is therefore important that the floor has good stability, especially in gymnasiums where ambient temperature is variable.

Tarkett Sports wood flooring systems are produced using a multilayer construction in which each layer has different fiber directions that effectively prevents any shifting of the boards when relative humidity changes.



EXCELLENT SPORTS PERFORMANCES

- Superior shock absorption levels for high sports performance up to competition.
- Ideal vertical deformation allowing sports to be played in safer surroundings.
- Optimal grip control and surface friction thanks to engineered Sports Lacquer.



HIGHLY DURABLE

Excellent dimensional stability thanks to our multilayer construction:

- Higher tolerance to temperature and humidity variations compared to solid wood alternatives.
- Protects against swelling, shrinking and cracking

Long lifespan

- Thick wear layer (3.5mm) allowing up to 4 sanding operations (40 years of use)!



ENVIRONMENTALLY FRIENDLY

Low environmental impact & sustainable solution:

- Our Wood floorings have a lower environmental impact than solid wood alternatives as only the wear layer of the construction is made of slow growing wood species.



SPORTS LACQUER READY TO USE

- UV hardened in factory, ready to use (no need to apply varnish in situ)
- Extremely hard wearing and scratch resistant
- Easy to clean and maintain
- Fire performance: Cfl-s1

SAME PRODUCT THAN SOLID WOOD & BETTER ENVIRONMENTAL IMPACT

4X

LESS USE OF SLOW GROWING WOOD SPECIES



Tarkett Sports multilayer wood solutions

5m³ of slow growing wood specie = 700m² of multilayer wood
1 basketball court

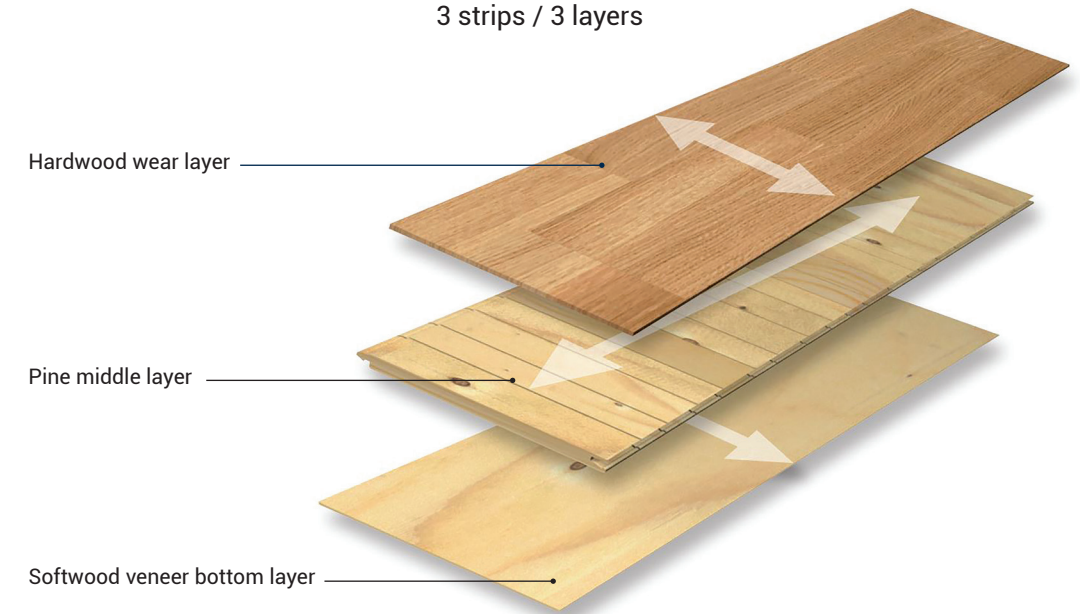


Comparable solid wood solutions

5m³ of slow growing wood specie = Only 84m² of solid wood 12% of a basketball court

OUR MULTILAYER CONSTRUCTION

Our full wooden range is based on 14mm or 22mm multilayer construction, 3 strips / 3 layers





REFLEX M EVOLUTION

Classic and traditional system for multi-sports facilities

KEY FEATURES

- Single-batten system providing good shock absorption $\geq 55\%$ (A4 level) and energy return for optimal sports performances.
- Classic and traditional structure with typical wood court sound.
- Ideal system for competition and multi-sports use: great flexibility for sports practice.
- Good air ventilation thanks to its sub-construction design.
- Fast installation, adapted to renovation projects.

CHOOSE YOUR WOOD SPECIES

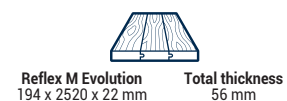


APPLICATIONS

Multi-sports, basketball (up to competition level), squash, floorball, futsal, ...



FORMAT



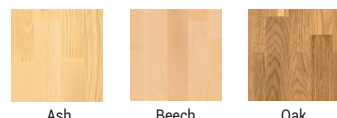
MULTIFLEX M

Comfortable solution for multi-sports and leisure facilities

KEY FEATURES

- Loose-lay installation system.
- Continuous sub-construction creating soft and **100%** homogeneous surface.
- Comfortable solution for competition, multi-sports and leisure facilities.
- Perfect shock absorption and vertical deformation balance (A4 level).
- Excellent acoustic comfort.
- Ideal for renovation projects: **38mm** thickness.

CHOOSE YOUR WOOD SPECIES

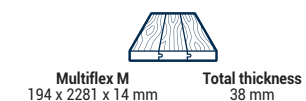


APPLICATIONS

Multi-sports up to competition level: basketball, handball, volley-ball, squash. Leisure & fitness: modern dance, group classes, yoga, tai-chi, pilates, boxing,...



FORMAT



PATENTED
SYSTEM
INNOVATION



Foam colour is not contractual



Alice Milliat gymnasium, Ifs, France - Multiflex M



FLEXLOCK

Easy, fast and secure installation
for multi-sports facilities

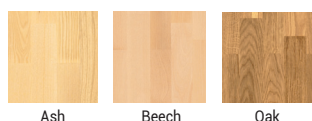


PATENTED
SYSTEM
INNOVATION

KEY FEATURES

- Unique patented wood flooring system. Ready to assemble modules with a cross-air ventilation sub-floor design
- Consistent sports performance thanks to Flexlock's engineered construction, maximizing user experience
- Good shock absorption **≥55%**
- Stable and secure system thanks to its double reinforced structure and high quality foam for good dimensional stability

CHOOSE YOUR WOOD SPECIES



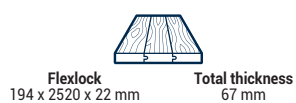
Ash Beech Oak

APPLICATIONS

Multi-sports: basketball, handball, volleyball, squash, ...
Leisure & fitness: modern dance, group classes, yoga, tai-chi, pilates, boxing, ...



FORMAT



Flexlock
194 x 2520 x 22 mm
Total thickness
67 mm



PROFLEX M

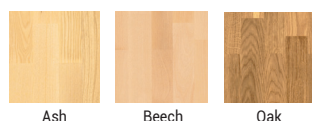
Ideal solution for professional facilities,
especially basketball competition



KEY FEATURES

- Double-batten system providing excellent shock absorption **≥60%** (A4 level) and perfect ball bounce.
- Ideal solution for high level and competition practice with frequent training sessions and use.

CHOOSE YOUR WOOD SPECIES



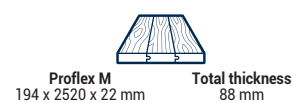
Ash Beech Oak

APPLICATIONS

Multi-sports up to competition level:
basketball, squash, ...



FORMAT



Proflex M
194 x 2520 x 22 mm
Total thickness
88 mm

WORLD
SQUASH
WSF



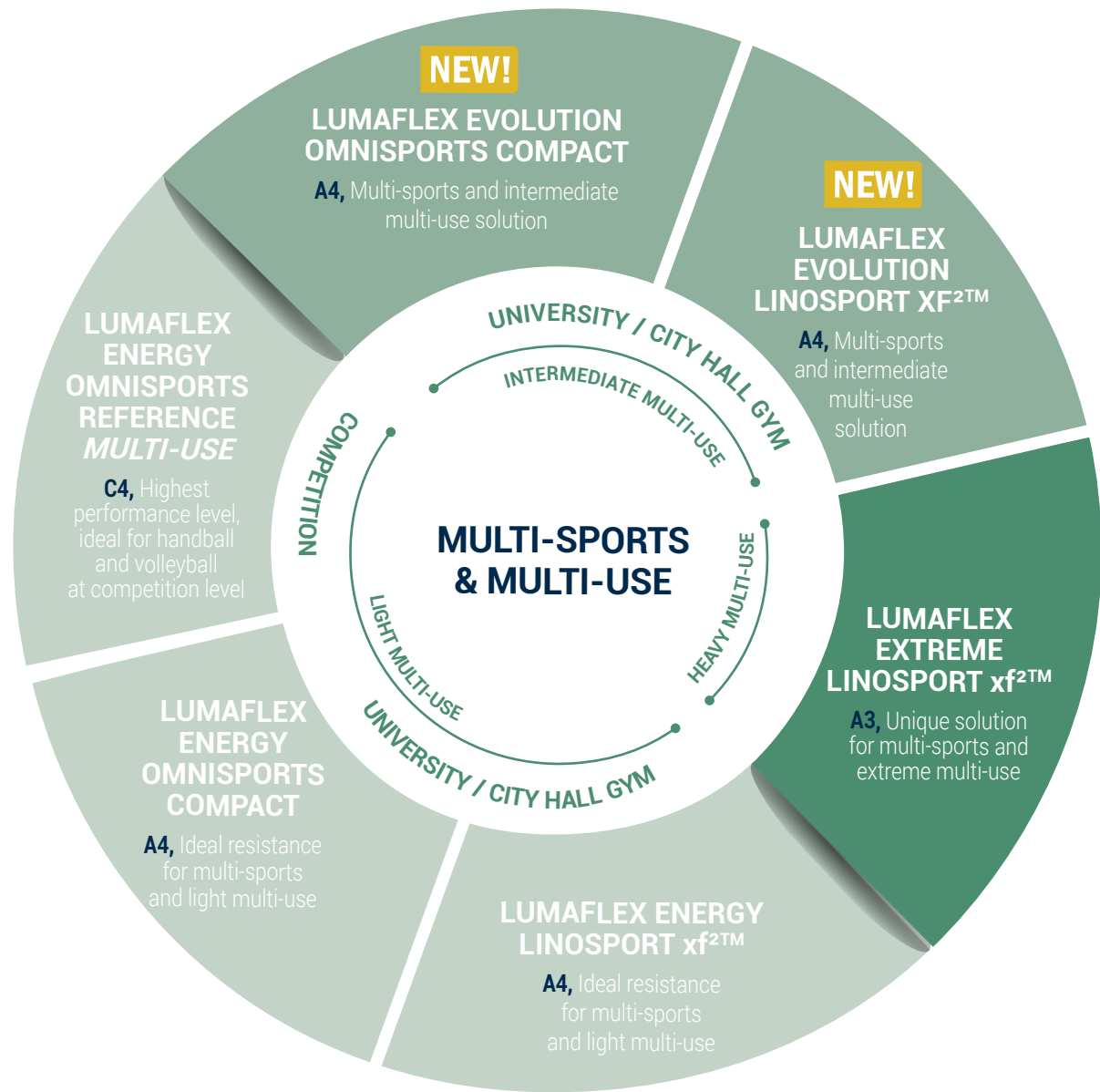
Foam colour is not contractual



Astroballe - Villeurbanne, France - Proflex M

LUMAFLEX

The Lumaflex range is an exclusive flooring system that can be combined with our Linosport or Omnisports ranges. The real wood sub-construction provides stability and performance for high level sport practice up to competition. It also provides high resistance to static and rolling loads making the system versatile and perfectly adapted to multi-use purposes.

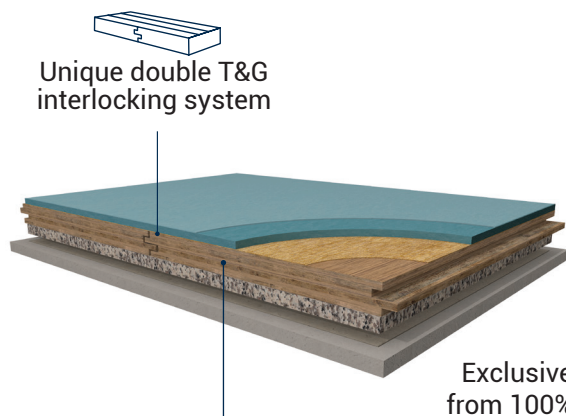


Lumaflex with Omnisports

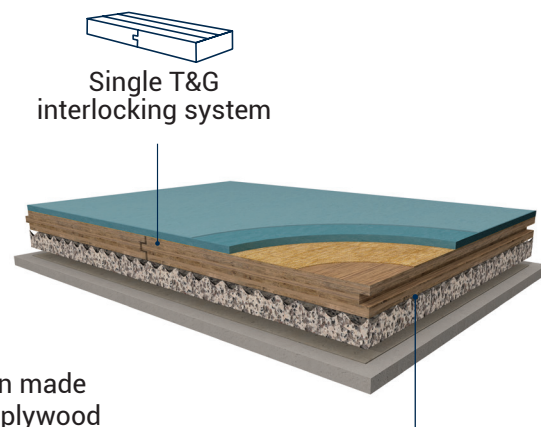


THE ONLY SPORTS SOLUTIONS THAT COMBINE WOOD SYSTEMS' HIGH SPORTS PERFORMANCE AND THE EASE OF MAINTENANCE OF VINYL & LINOLEUM SURFACES

LUMAFLEX EXTREME & ENERGY



NEW! LUMAFLEX EVOLUTION



Exclusive design made from 100% birch plywood



EXCELLENT SPORTS PERFORMANCES

- Highly versatile **multi-sports systems** with A3, A4 & C4 classification.
- **Enhanced sports experience** thanks to excellent **shock absorption level, up to 60% and perfect ball bounce.**
- Recommended for **multi-sports up to competition level**, roller sports and handisport*.



HIGHLY DURABLE & EASY TO MAINTAIN

- **Highly reliable** thanks to a robust birch wood sub-construction.
- **Highly resistant to wear and scratches** thanks to Linosport & Omnisports surfaces.
- **Reduced maintenance costs** thanks to X-treme xf²™ & TopClean XP™ surface treatments.
- Use of cleaning equipment with **no need of any type of precaution of weight.**



VERSATILITY & FLEXIBILITY

- **Exceptional resistance to heavy point loads** (up to 1200 kg*) and **rolling loads** (up to 2000 kg*).
- Accommodate **non-sporting events with no need of any type of protection****
- Accommodate **bleachers and portable equipment**, such as basket lifts, with **no need of reinforcement panels****
- **Long-term gains and budget savings.**

* Lumaflex Extreme Linosport xf²™

** Learn more about Lumaflex resistance to non-sporting events on dedicated maintenance guides.



ENVIRONMENTALLY FRIENDLY

- Sub-construction made **exclusively from birch**, fast growing wood specie.
- For Linosport & Omnisports top layers*:
- **Recyclable and contain up to 39% recycled materials.**
 - **Contribute to lung protection** thanks to extremely low VOC emissions, less than 10µg / m³ (after 28 days).
 - **Allergy UK Seal of Approval.**
 - Eligible for **ReStart® program.**

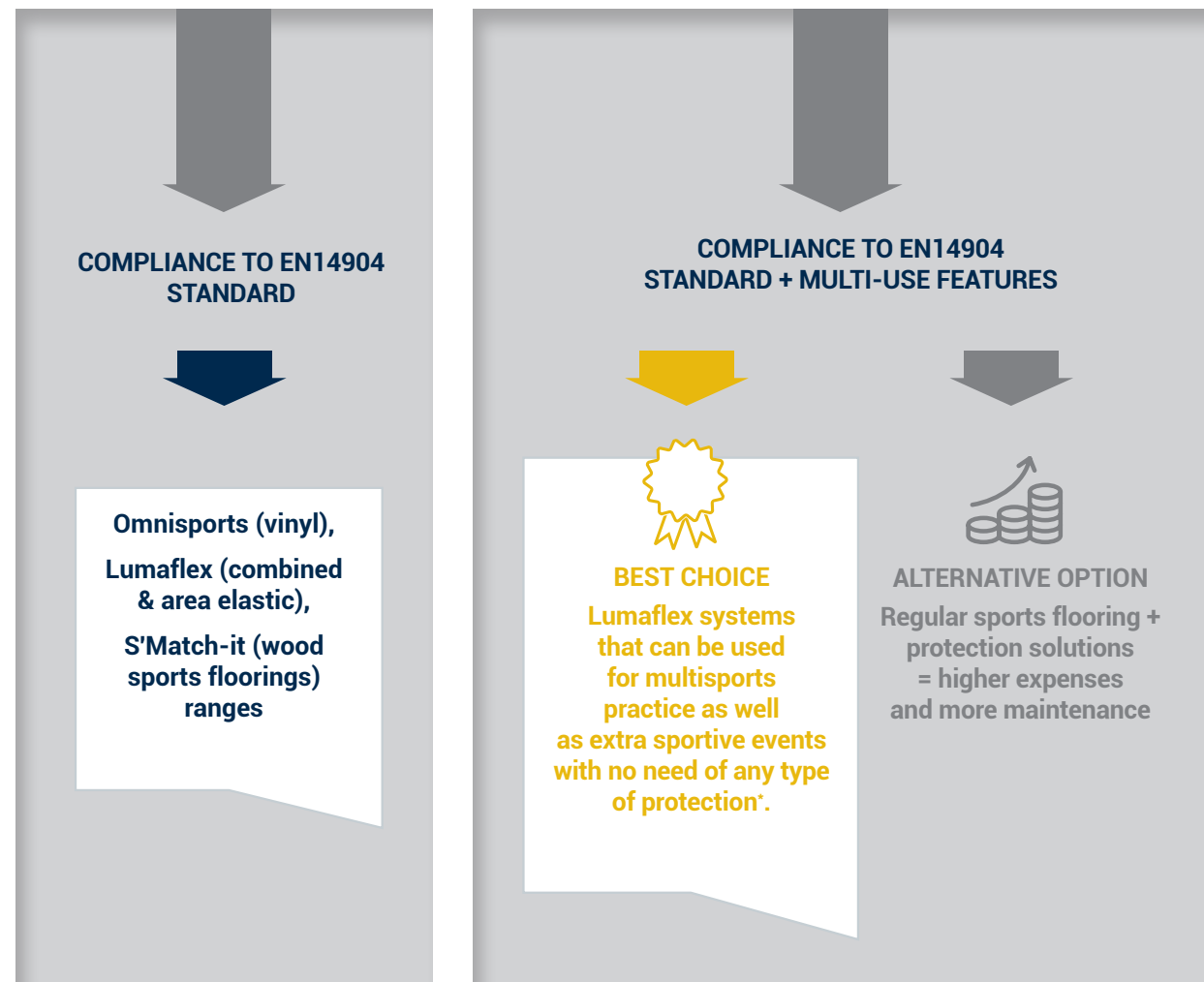
* Learn more about our commitment to the planet page 64



WHY IS IT IMPORTANT TO CAREFULLY SELECT A SPORTS FLOORING FOR 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.

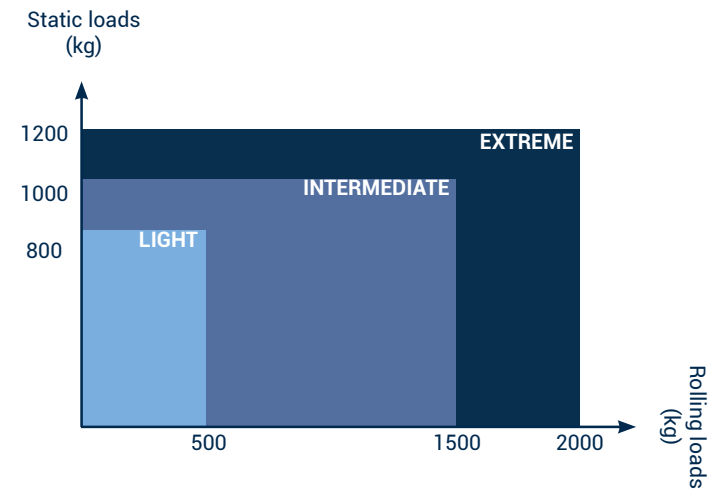


* Learn more about Lumaflex resistance to non-sporting events on dedicated maintenance guides.

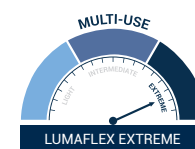
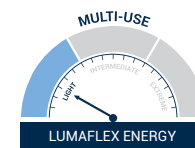
HOW TO DEFINE MULTI-USE LEVELS?

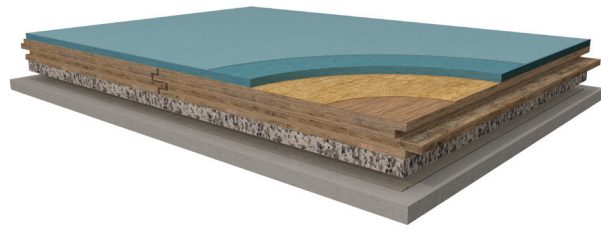
Selecting the most suitable Lumaflex system requires an assessment of the expected Multi-use Index. This Index is based on 2 main criteria: resistance to both static and rolling loads.

MULTI-USE INDEX



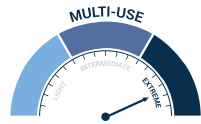
TARKETT SPORTS' 3 LUMAFLEX RANGES





LUMAFLEX EXTREME

The unique multi-sports and extreme multi-use solution with exceptional resistance to heavy rolling and point loads

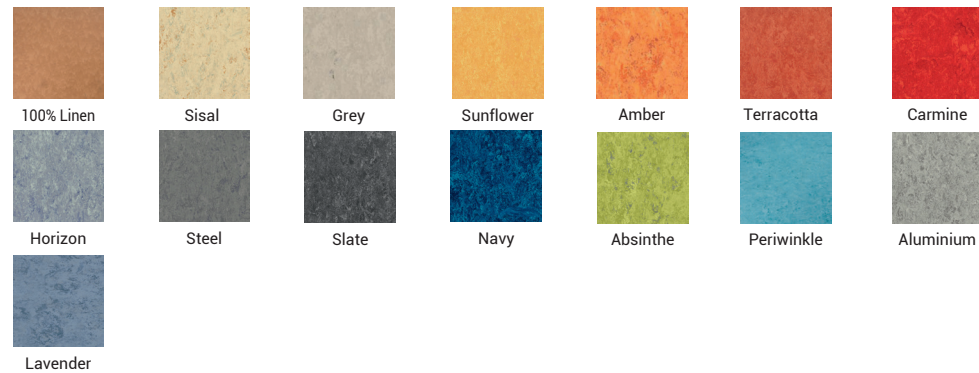


KEY FEATURES

- **Stable and reliable** system with high sports performances up to **50% shock absorption level**.
- **Extreme resistance to multi-use with exceptional resistance** to heavy rolling loads (up to 2000kg) and point loads (up to 1200kg).
- Ideal for **competition, roller sports and handisport**.

CHOOSE YOUR COLOURS

Lumaflex Extreme Linosport xf²™ 3.2mm



APPLICATIONS

Multi-sports up to competition level, roller sports, handisport. Extra-sportive events: bleachers, basket lift, tables & chairs, cleaning equipment,... (extreme multi-use)



FORMAT

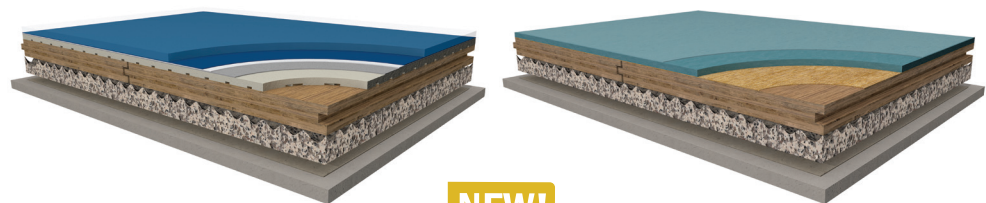


Thickness 3.2 mm



Linosport xf²™

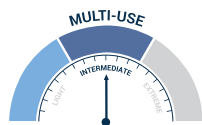




NEW!

LUMAFLEX EVOLUTION

High performance multi-sports solution & intermediate multi-use

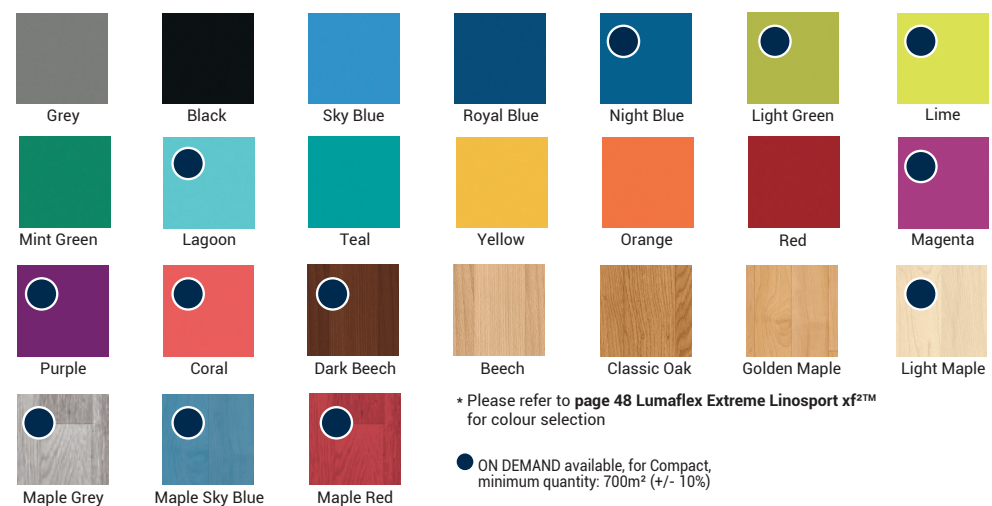


KEY FEATURES

- **Cost effective** multi-sports system.
- **Resistance to intermediate multi-use with very high resistance to heavy rolling loads** (up to 1500kg) and point loads (up to 1000kg).
- Ideal for multi-purpose use and optimised budgets.

CHOOSE YOUR COLOURS

Lumaflex Evolution Omnisports Compact
Lumaflex Evolution Linosport xf²™*



APPLICATIONS

Multi-sports: basketball, handball, volley-ball, futsal, badminton...
Extra-sportive events (intermediate multi-use)



FORMAT



Lumaflex Evolution panels
2400 x 1200 x 18 mm



Roll
Linosport xf²™
2m x ca. 281m
Thickness 3.2 mm

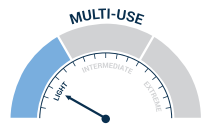
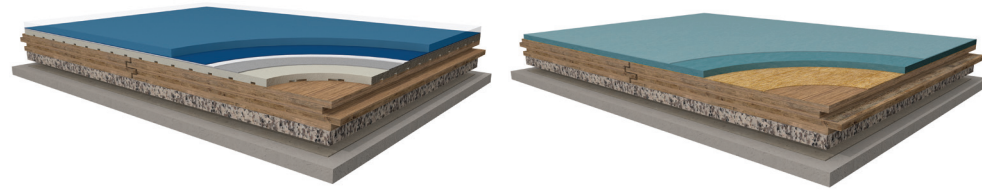


Roll
Omnisports Compact
2m x 231m
Thickness 2 mm



Omnisports





LUMAFLEX ENERGY

High performance multi-sports solution & light multi-use

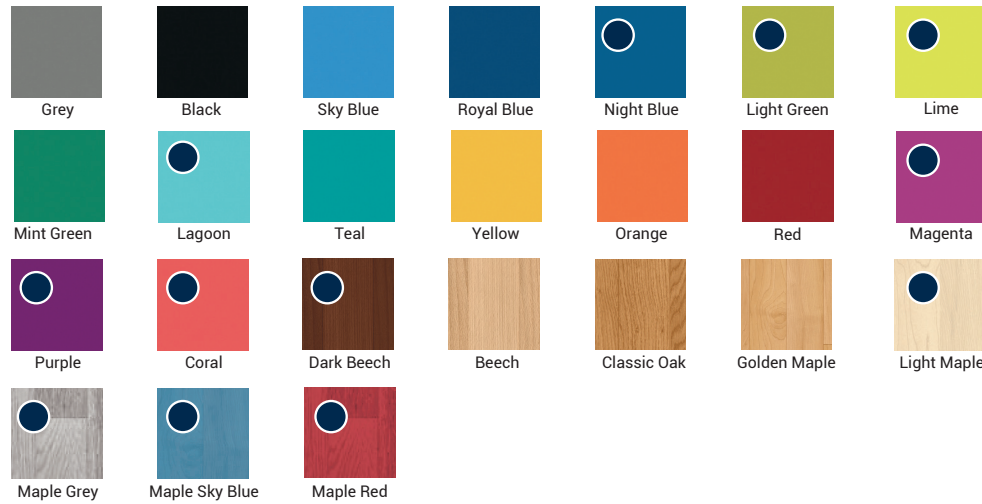


KEY FEATURES

- **Comfortable and performant** multi-sports system with **up to 60% shock absorption level**.
- **Resistance to light multi-use** with **high resistance to heavy rolling loads** (up to 500kg) and **point loads** (up to 800kg).
- **Ideal for renovation projects** thanks to its lower thickness.

CHOOSE YOUR COLOURS

Lumaflex Energy Omnisports Compact & Reference *Multi-use*
Lumaflex Energy Linosport xf²™



* Please refer to page 48 Lumaflex Extreme Linosport xf²™ for colour selection

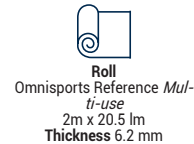
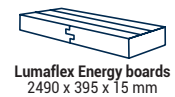
● ON DEMAND available for Compact, minimum quantity: 700m² (+/- 10%)

APPLICATIONS

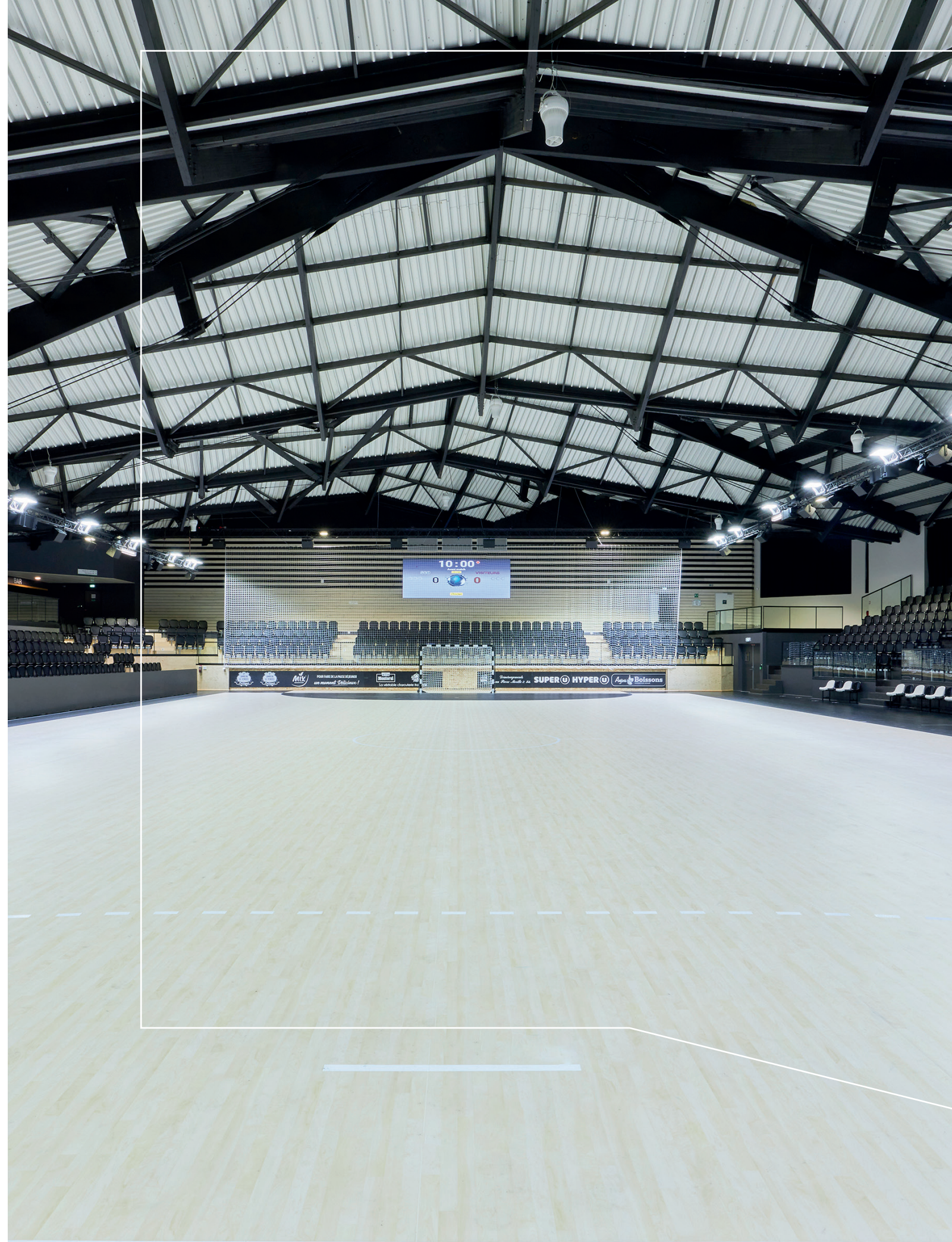
Multi-sports up to competition level (Lumaflex Energy Omnisports Reference Multi-use : handball et volley-ball up to competition level).
Extra-sportive events (light multi-use)



FORMAT



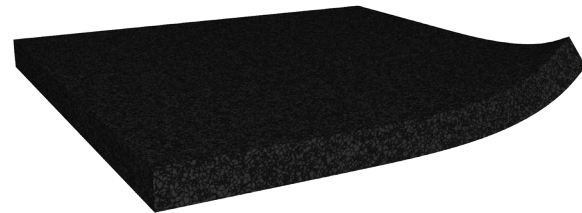
Omnisports



DROPZONE & DROPTILE

Dropzone & Droptile solutions are specifically designed to meet all players' expectations for fitness activities. Durable, comfortable and tough, the rubber solution increases player performance and at the same time protects the floor.





DROPZONE SPECKLE
8 MM

Versatile solution for strength, cardio and weight rooms

KEY FEATURES

- **Multipurpose solution** for rubber floorings with **excellent durability** and **high resistance to mechanical wear** thanks to a **first class choice of raw materials** and **high traction properties**.
- **Durable**, thanks to its **8mm layer** made from a minimum of **90% black recycled rubber granules**.
- **Ergonomic solution** that provides **extreme comfort**. It helps contribute to the protection of an **athlete's muscles** and joints during various types of workouts.
- **High impact resistance up to 40kg** and **acoustic performance up to 18dB**.
- **Easy to maintain** thanks to its **high surface density**.

COLOURS



Black



Black/ Grey



Black/ Yellow



Black/ Red



Black/ Blue



Black/ Green

SPECIFIC PERFORMANCES



Maximum resistance of 40 kg to falling object from a height of 2m.



18dB acoustic reduction in the underlying room.

APPLICATIONS



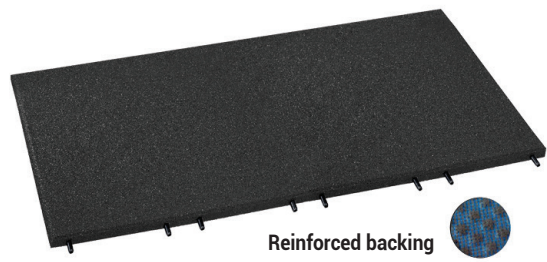
FORMAT



Roll 1.5 x 15ml

Thickness 8mm





DROPTILE BLACK
30 MM

Ideal solution for free weights and heavy exercise equipment

KEY FEATURES

- High resistance to impacts and falling of heavy loads (up to **150kg**) thanks to its 30mm layer extremely dense
- Vibration reduction thanks to its reinforced backing.
- Excellent acoustic performance up to **26dB**.
- Easy and secure installation thanks to its loose laid installation with connector pins.
- Easy to maintain thanks to its high surface density.

COLORS



Black

SPECIFIC PERFORMANCES



Maximum resistance of 150 kg to falling object from a height of 2m.



26dB acoustic reduction in the underlying room.



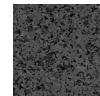
DROPTILE SPECKLE
30 MM

Ideal solution for all types of free weights areas, for the toughest of workouts

KEY FEATURES

- Superior resistance to impacts and falling of heavy loads (up to **200kg**) thanks to its 30mm 3-layers composition, with extra high density top layer.
- Vibration reduction thanks to its reinforced backing.
- Excellent acoustic performance up to **24dB**.
- Increased design possibilities
- Easy and secure installation thanks to its loose laid installation with connector pins.
- Easy to maintain thanks to its high surface density.

COLOURS



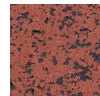
Dark Grey



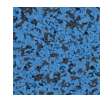
Medium Grey



Light Grey



Red



Blue

SPECIFIC PERFORMANCES



Maximum resistance of 200 kg to falling object from a height of 2m.



24dB acoustic reduction in the underlying room.



APPLICATIONS

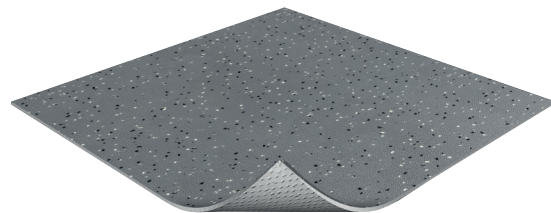


FORMAT



Tiles 1000 x 500mm
Thickness 30mm





TOUCHDOWN

Protective floor coverings rolls

KEY FEATURES

- A **cost-effective solution** to protect your floor from foot traffic and light weights
- **Ultra-resistant to wear and tear**
- Can also be used during structural work
- Easy to install

COLOURS



Grey

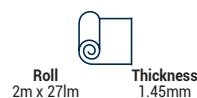


Beige



Green

FORMAT



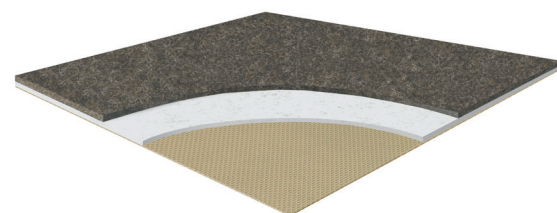
Roll
2m x 271m

Thickness
1.45mm

COORDINATED ACCESSORIES



Unroller for Touchdown
2 elements kit:
(A) device
(B) chuck



PROTECTILES

Textile floor protection for social events

KEY FEATURES

- Textile floor protection for social events
- Effective solution to protect your floor from heavy weights and furniture (podium, stages etc.)
- Easy to install (less than **1.5** hours to install **1000m²**) with dedicated Protectiles trolley
- Easy to maintain

COLOURS



Anthracite



Light Grey



Dark Brown



Night Blue



Red

FORMAT



Tile
1m x 2m

Thickness
5.2mm

COORDINATED ACCESSORIES



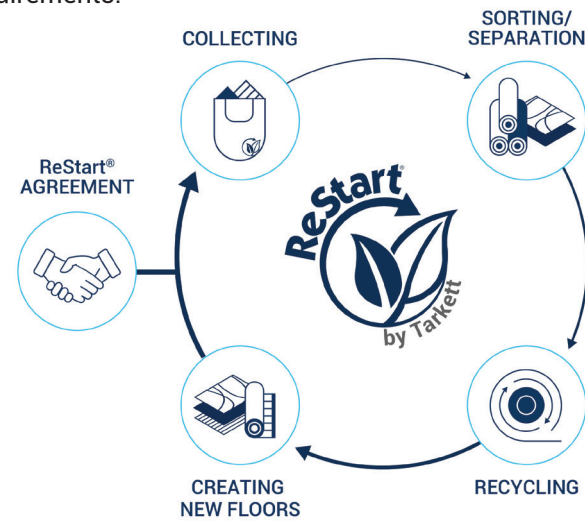
Trolley for Protectiles
4 articulated wheels
with rubber strips
and 2 brakes
Capacity: 100 Protectiles



VALUE YOUR JOBSITE WASTE!

RESTART: FREE COLLECTION AND RECYCLING SERVICE OF OMNISPORTS & LINOSPORT

- Optimises jobsite waste management.
- Guarantees traceability of collected off-cuts.
- Integrates sustainable development and anticipates European regulation 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 details you deserve:

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

Minimum quantity: 250m² (per colour)

GET THE AMOUNT YOU REALLY NEED

CUT SERVICE ON OMNISPORTS

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

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 fits 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



Some of our international references...



SPORTS AND LEISURE CENTRE
Omnisports Reference *Multi-use*
Ecully, France (2019)



SPORTS CENTRE
ISSY-LES-MOULINEAUX
Omnisports Pureplay
Issy-Les-Moulineaux, France (2021)



LEO LAGRANGE GYMNASIUM
Lumaflex Extreme Omnisports
Reference *Multi-use*
Val de Reuil, France (2022)



HARAS GYMNASIUM
Lumaflex Extreme Omnisports Speed
Angers, France (2022)



EUROPE GYMNASIUM
Omnisports Reference *Multi-use*
Angers, France (2022)



METROPOLITAN BALLET ACADEMY
Dancefloor - Montreal, Canada (2019)



JÖNKÖPING SPORTS HALL
Lumaflex Energy Omnisports Reference
Multi-use - Jönköping, Sweden (2019)



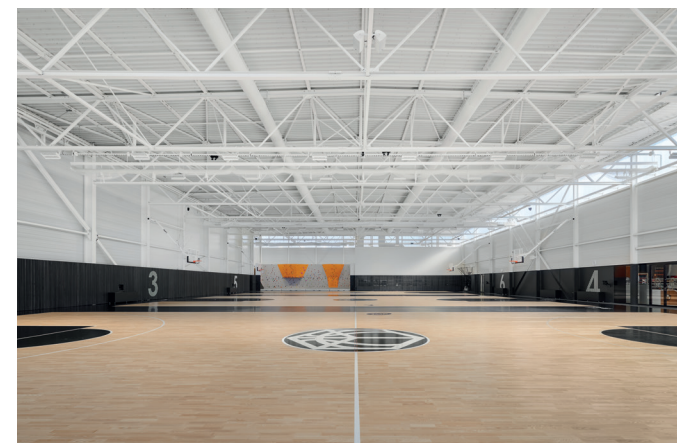
LOUDEAC SPORTS HALL
Lumaflex Extreme Linosport xf²
Loudéac, France (2014)



DREAMFIT
Droptile Black - San Sebastian, Espagne (2022)



ASTROBALLE
Profiflex M - Villeurbanne, France (2011)



THE BASKET CENTER
Reflex M Evolution - Starsbourg France (2021)



ALICE MILLIAT GYMNASIUM
Multiflex M - Ifs, France (2021)

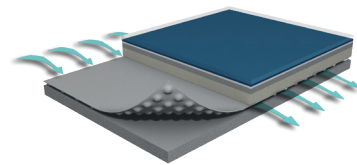
OMNISPORTS



GREENLAY™ GLUE
Dual-components (A+B)
Component A: 1 pot of 5kg
Component B: 1 pot of 700g

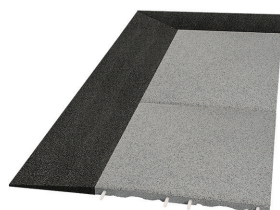


GREENLAY™ TARKOTAPE
Double-sided adhesive
for GreenLay™ installation
1 box of 8 rolls
1 roll: 152 mm x 25 lm



TARKOLAY UNDERLAYER
Moisture barrier for wet
substrates creating natural
ventilation
Thickness: 1.3 mm

DROPTILE



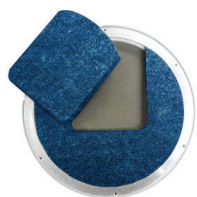
DROPTILE EDGE & DROPTILE CORNER

Safe transitions to complement Droptile Black and Droptile Speckle

Droptile Edge
250mm wide x 1000mm long

Droptile Corner
Outer edge 1000 x 250mm
inner edge 750 x 250mm

LUMAFLEX



TRAPDOORS

Empty trapdoors used to ensure the positioning of goals in sports halls. To be covered with the chosen Omnisports or Linosport flooring solution.

Available in 2 versions:
Diameter 135mm (net opening 90mm)
Diameter 230mm (net opening 180mm)



LUMAGLUE

Lumaglu is a vinyl glue used to correctly bond Lumaflex Extreme and Energy panels in particular at the tongue and groove interlocking system (for Lumaflex Evolution panels the use of Targlue is recommended) Lumaglu comes in a 5 kg bucket (5 kg for 100m²)

S'MATCH-IT



WOOD VENTILATED SKIRTINGS

Specific wood varnished skirting with spaces made to allow cross ventilation of the wood flooring or sub-construction. For S'Match-it and Lumaflex ranges.

Wood Ventilated Skirting (standard)
1 box of 5 units - 11.75 lm
22 mm thick x 65 mm wide x 2350 mm long

Wood Ventilated Skirting (wide)
1 box of 4 units - 9.40 lm
27 mm x thick x 84 mm wide x 2350 mm long



TRAPDOORS FOR WOOD RANGE

Ensure the positioning of goals in sports halls. Covered with the same S'Match-it wood materials.

Available in 2 versions:
Diameter 135mm (net opening 90mm)
Diameter 180mm (net opening 170mm)



INSTALLATION KIT FOR MULTIFLEX M

Targlue (polyurethane mastic) and Targun have been specifically designed for the installation of Multiflex M.

Used together, Targlue and Targun enable installers to fix the Tarflex subconstruction to the 14 mm multilayer.








Targlue
1 cardboard of 20 bags of 600ml each

Targun
order per unit 1 cardboard - 200sqm



SUCTION PAD

Tool to open trapdoors. Sold by unit.

TECHNICAL DATA	STANDARD	COMPACT	SPEED	TRAINING	REFERENCE MULTI-USE	ACTIVE +	PUREPLAY
CERTIFICATION & CLASSIFICATION							
Type of floor covering	EN 14041	Heterogeneous compact indoor floorcoverings	Heterogeneous indoor floorcoverings	Heterogeneous indoor floorcoverings			
	EN 14904				Heterogeneous indoor sport floorcoverings	Heterogeneous indoor sport floorcoverings	Heterogeneous indoor sport floorcoverings
Declaration of Performance	EN 14041	0120-003-DoP-2013-04	0120-006-DoP-2013-04	0120-026-DoP-2013-04			
	EN 14904				0120-080-DoP-2020-06	0120-095-DoP-2020-09	0120-071-DoP-2016-04
TECHNICAL CHARACTERISTICS							
Total thickness	ISO 24346 (EN 428)	2mm	3.45 mm	5 mm	6.2 mm	8.1 mm	9.4 mm
Total weight	ISO 23997 (EN 430)	3 045 g/m ²	3 040 g/m ²	3 600 g/m ²	3950 g/m ²	4760 g/m ²	6 200 g/m ²
Width	ISO 24341 (EN 426)	2 m	2 m	2 m	2 m	2 m	2 m
Length	ISO 24341 (EN 426)	23 lm	20.5 lm	20.5 lm	20.5 lm	20.5 lm	20.5 lm
REQUIREMENTS FOR USE							
Shock absorption 	Average measured value		≥ 4%	≥ 18%	P1	P2	P2
	EN 14808 requirement				≥ 25%	≥ 35%	≥ 35%
Friction 	Average measured value	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant
	EN 13036-4 requirement	80 to 110	80 to 110	80 to 110	80 to 110	80 to 110	80 to 110
Vertical deformation 	Average measured value		≤ 0.8mm	≤ 1mm	P1	P2	P2
	EN 14809 requirement		≤ 5mm	≤ 5mm	≤ 2 mm	≤ 3 mm	≤ 3 mm
TECHNICAL REQUIREMENTS							
Vertical ball behaviour 	Average measured value		Compliant	Compliant	Compliant	Compliant	Compliant
	EN 12235 requirement		≥ 90%	≥ 90%	≥ 90%	≥ 90%	≥ 90%
Reaction to fire	EN 13501-1	Bfl s1*	Cfl s1*	Cfl s1*	Cfl s1+/**	Cfl s1+/**	Cfl s1+/**
Resistance to wear 	EN ISO 5470-1		≤ 1g	≤ 1g	≤ 1g	≤ 1g	≤ 1g
	Average measured value***		≤ 0.18 mm	≤ 0.11 mm	≤ 0.10 mm	≤ 0.20 mm	Compliant
Resistance to indentation 	EN 1516 requirement		≤ 0.50 mm	≤ 0.50 mm	≤ 0.50 mm	≤ 0.50 mm	≤ 0.50 mm
	Average measured value			Compliant	Compliant	Compliant	Compliant
Resistance to a rolling load 	EN 1569 requirement			≤ 0.5 mm	≤ 0.5 mm	≤ 0.5 mm	≤ 0.5 mm
	Average measured value						
Acoustic efficiency	ISO 10140-3		20dB	20dB	21dB	21dB	21dB
Thermal resistance	EN ISO 10456	Approx. 0.02 m ² K/W	Approx. 0.05 m ² K/W	Approx. 0.07 m ² K/W	Approx. 0.09 m ² K/W	Approx. 0.12 m ² K/W	Approx. 0.14 m ² K/W
ENVIRONMENTAL PERFORMANCES							
Total VOC emissions	ISO 16000-9	≤ 10 µg/m ³ (after 28 days)	≤ 10 µg/m ³ (after 28 days)	≤ 10 µg/m ³ (after 28 days)	≤ 10 µg/m ³ (after 28 days)	≤ 10 µg/m ³ (after 28 days)	≤ 10 µg/m ³ (after 28 days)
COLOURS							
		Uni: 16 / Wood: 8	Uni: 16 / Wood: 8	Uni: 16 / Wood: 8	Uni: 16 / Wood: 8	Uni: 16 / Wood: 8	Uni: 16 / Wood: 8

The above information is subject to modification for the benefit of further improvement. (02/2021). * Glued installation ** GreenLay™ installation *** Measured on glued or with GreenLay™ Tarkett Sports' instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions.



① Available for Reference Multi-use, Active+ & Pureplay

TECHNICAL DATA	STANDARDS	SPEED TABLE TENNIS	DANCEFLOOR
CERTIFICATION & CLASSIFICATION			
Type of floor covering	EN 14041	Heterogeneous indoor floorcoverings	
TECHNICAL CHARACTERISTICS			
Total thickness	ISO 24346 (EN 428)	3.45mm	3.45mm
Total weight	ISO 23997 (EN14041)	0120-048-DoP-2020-10	0120-081-DoP-2019-02
Width	ISO 24341 (EN 426)	2m	2m
Length	ISO 24341 (EN 426)	20.5lm	15lm
REQUIREMENTS FOR SAFE USE			
Shock absorption 	Average measured value	≥ 4%	
	EN 13036-4 requirement	80 to 110	-
Friction 	Average measured value	Compliant	≥ 90
	EN 13036-4 requirement	80 to 110	-
Vertical deformation 	Average measured value	≤ 0.8mm	≤ 0.8mm
	EN 14809 requirement	≤ 5mm	≤ 5mm
TECHNICAL REQUIREMENTS			
Vertical ball behaviour 	Average measured value	Compliant	-
	EN 12235 requirement	≥ 90%	-
Reaction to fire	EN 13501-1	C _{fl} -s1*	C _{fl} -s1*
Resistance to wear 	EN ISO 5470-1	≤ 1g	≤ 1g
	Average measured value	≤ 0.18mm	≤ 0.18mm
Resistance to indentation 	EN 1516 requirement	≤ 0.5mm	≤ 0.5mm
	Average measured value	-	-
Resistance to a rolling load 	EN 1569 requirement	-	-
	Average measured value	-	-
Acoustic efficiency	ISO 10140-3	20dB	20dB
Thermal resistance	EN ISO 10456	Approx. 0.05 m ² K/W	Approx. 0.05 m ² K/W
COLOURS			
		Uni: red	Uni: grey / black

The above information is subject to modification for the benefit of further improvement. (02/2021). Tarkett Sports' instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions. (1) Except for Dancefloor / (2) For non permanent installations 5 years warranty.



TECHNICAL DATA	STANDARDS	LUMAFLEX EXTREME	LUMAFLEX ENERGY			LUMAFLEX EVOLUTION	
		LUMAFLEX EXTREME LINOSPORT XF ² ™	LUMAFLEX ENERGY OMNISPORTS COMPACT	LUMAFLEX ENERGY OMNISPORTS REFERENCE MULTI-USE	LUMAFLEX ENERGY LINOSPORT XF ² ™	LUMAFLEX EVOLUTION OMNISPORTS COMPACT	LUMAFLEX EVOLUTION LINOSPORT XF ² ™
CERTIFICATION & CLASSIFICATION							
Type of floorcovering	EN 14904	Area-elastic sports floorings	Area-elastic sports floorings	Combined-elastic sports floorings	Area-elastic sports floorings	Area-elastic sports floorings	Area-elastic sports floorings
TECHNICAL CHARACTERISTICS							
Total weight	ISO 23997 (EN 430)	ca. 15.3 kg/m ²	13.8 kg/m ²	14.6 kg/m ²	ca. 14.9 kg/m ²	16.4 kg/m ²	ca. 17.2 kg/m ²
Width	ISO 24341 (EN 426)	2m					
Length	ISO 24341 (EN 426)	ca. 28lm	23lm	20.5lm	ca. 28lm	23lm	ca. 28lm
Board dimensions	ISO 24342 (EN 427)	2490 x 395 x 18mm	2490 x 395 x 15mm	2490 x 395 x 15mm	2490 x 395 x 15mm	2400 x 1200 x 18mm	2400 x 1200 x 18mm
Total thickness	ISO 24346 (EN 428)	36.2mm	32mm	36.3mm	33mm	40mm	41.2 mm
REQUIREMENTS FOR USE							
Friction	EN 13036-4	Compliant					
Shock absorption	Average measured value	A3	A4	C4	A4		
	EN 14808 requirement	≥40% <55%		≥ 55% < 75%			
Vertical deformation	EN 14809	A3	A4	C4	A4		
Specular gloss	EN ISO 2813	Compliant					
TECHNICAL REQUIREMENTS							
Vertical ball behaviour	EN 12235	≥ 90%					
Reaction to fire	EN 13501-1	C _n -s1					
Resistance to wear	EN ISO 5470-1	≤1 g					
Resistance to indentation	Average measured value	Compliant					
	EN 1516 requirement	≤0.50mm					
Resistance to a rolling load	EN 1569	Compliant					
COLOURS							
		15	Uni: 16 Wood: 8	Uni: 16 Wood: 8	15	Uni: 16 Wood: 8	15

The above information is subject to modification for the benefit of further improvement. (10/2021). Tarkett Sports' instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions.

Linospport xf²™

Compact

Reference Multi-use

Compact, Reference Multi-use

Linospport xf²™
Linospport xf²™, Omnisports: top layer only

Linospport xf²™
Linospport xf²™, Omnisports: top layer only

Linospport xf²™
Linospport xf²™, 3.2mm

Compact 2mm

Reference Multi-use 6.2mm

Lumaflex with Omnisports

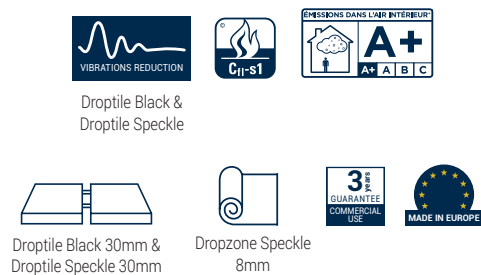
TECHNICAL DATA	STANDARDS	REFLEX M EVOLUTION	MULTIFLEX M	FLEXLOCK	PROFLEX M
CERTIFICATION & CLASSIFICATION					
Type of floor covering	EN 14904	Area elastic wood floorings			
TECHNICAL CHARACTERISTICS					
Total weight	EN ISO 23997	15.90kg/m ²	16.10kg/m ²	19.1kg/m ²	20kg/m ²
Width	EN ISO 24342	194mm	194mm	194mm	194mm
Length	EN ISO 24341	2 520mm	2 281mm	2 520mm	2 520mm
Total thickness	EN ISO 24340	56mm	38mm	67mm	88mm
Wear layer thickness	EN ISO 24340	3.5mm			
REQUIREMENTS FOR SAFE USE					
Friction / Slipperiness	EN 13036-4	80 - 110			
Shock absorption	Average measured value	A4		A4	A4
	EN 14808 requirement	≥ 55% < 75%		≥ 55% < 75%	≥ 60% < 75%
Vertical deformation	Average measured value	A4		A4	A4
	EN 14809 requirement	≥ 2.3mm < 5.0mm		≥ 2.3mm < 5.0mm	≥ 2.3mm < 5.0mm
Specular gloss	EN ISO 2813	compliant			
TECHNICAL REQUIREMENTS					
Vertical ball behaviour	EN 12235	≥ 90%			
Reaction to fire	EN 13501-1	C _n -s1			
Resistance to wear	EN ISO 5470-1	< 80mg			
Resistance to indentation	Average measured value	compliant			
	EN 1516 requirement	< 0.5mm			
Resistance to a rolling load	EN 1569	compliant			
Resistance to impact	EN 1517	compliant <0.5mm			
WOOD SPECIES					
		Oak/ Beech/ Ash	Oak/ Beech/ Ash	Oak/ Beech/ Ash	Oak/ Beech/ Ash

The above information is subject to modification for the benefit of further improvement (09/2022). Tarkett Sports' instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions.

Multiflex M (top board only)

TECHNICAL DATA	STANDARDS	DROPZONE SPECKLE	DROPTILE BLACK	DROPTILE SPECKLE
CERTIFICATION AND CLASSIFICATION				
Type of floorcovering	EN 1817	Homogeneous rubber floorcoverings	Rubber indoor floorcoverings	Rubber indoor floorcoverings
TECHNICAL CHARACTERISTICS				
Total thickness	ISO 24346 (EN 428)	8mm (± 2 mm)	30mm (± 2 mm)	30mm (± 2 mm)
Total weight	ISO 23997 (EN 430)	8.4 kg/m ²	27kg/m ²	27kg/m ²
Width	ISO 24341 (EN 426)	1500mm (± 0.8 %)	500mm (± 0.8 %)	500mm (± 0.8 %)
Length	ISO 24341 (EN 426)	15m (± 0.8 %)	1000mm (± 0.8 %)	1000mm (± 0.8 %)
TECHNICAL REQUIREMENTS				
Shock absorption	EN 14808	13%	51%	45%
Ball rebound	EN 12235	100%	98%	95%
Residual Indentation	EN 24343-1	0.14mm	-	-
Reaction to fire	EN 13501-1	Eff*	Cfl-s1*	Cfl-s1*
Tensile strength	EN ISO 1798	1.5N/mm ²	0.75N/mm ²	0.7N/mm ²
Elongation at break	EN ISO 1798	80%	50%	70%
Hardness	DIN 53505	60 ± 5 Shore A	60 ± 5 Shore A	60 ± 5 Shore A
Temperature range	Internal testing	-30°C to 80°C	-30°C to 80°C	-30°C to 80°C
Abrasion	DIN 53516	max. 200 mm ³	-	max. 450 mm ³
Coefficient of friction	EN13893	> 0.3 µ (DS)	> 0.3 µ (DS)	> 0.3 µ (DS)
Acoustic efficiency	ISO 10140-3	18dB	26dB	24dB
Thermal resistance	EN ISO 10456	Approx. 0.05 m ² K/W - compatible with underfloor heating	-	-
COLOURS				
		6	1	5

* on concrete and screed . The above information is subject to modification for the benefit of further improvement. (02/2021). Tarkett Sports' instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions.



TECHNICAL DATA	STANDARDS	PROTECTILES	TOUCHDOWN
CERTIFICATION AND CLASSIFICATION			
Type of floorcovering		Polypropylene textile tile on polyolefin under layer	Compact vinyl floor covering
Declaration of Performance	EN14041	0120-088-DoP-2022-04	0120-013-DoP-2021-02
TECHNICAL CHARACTERISTICS			
Total thickness	EN 428 ISO 24346	5.2mm	1.45mm
Total weight	EN 430 ISO 23997	3.1kg/m ²	2.2kg/m ²
TECHNICAL REQUIREMENTS			
Residual indentation	EN 433	-	0.10mm
Dimensional stability	EN 434	< 0.2%	0.1%
Reaction to fire	EN 13501-1	B _{fl} s1 on cement	C _{fl} s1 (on C _{fl} and B _{fl} support)
Slip resistance	EN 13893	-	≥ 0.3
Acoustic absorption	EN 20354 ISO354	α _w =0.15 (H)	-
Impact sound reduction	ISO 140/8 NF EN ISO 717/2	I _w =19dB	I _w =2dB
Electrical properties	EN 1081	-	R1 > 10 ¹⁰ ohms
Static electrical charge	EN 1815	< 2kV	< 2kV
Formaldehyde	EN 717-1 EN 727-2	No formaldehyde	
Pentachlorophenol	EN 12673	No pentachlorophenol	
COLOURS			
		5	3
Form of delivery	EN 427	Tiles: 1 x 2m	Roll: 2m x 271m

The above information is subject to modification for the benefit of further improvement (12/2022). Tarkett Sports' instructions regarding installation, cleaning and maintenance should be observed. Please contact Tarkett at the address shown for these instructions.



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