



Where
Champions

Begin
Learn
Train
Play[®]

Gerflor[®]
the flooring group

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Where Champions Play®

TARAFLEX
SPORTS

CONNOR
SPORTS

SPORT
COURT

Introduction



Gerflor the sports, leisure and fitness flooring specialist

For more than 70 years and in more than 100 countries, we are recognised as an expert and world-leader in our field thanks to our technical, decorative and high performance solutions that are specific to each market requirement. Gerflor's history has always been underpinned by innovation and we are recognised as industry pioneers with over 70% of our sales derived from product ranges less than three years old.



The Gerflor group is well known as an official supplier for Olympic Games but also synonymous with sport and wellness since 1947 when synthetic sports floors were first invented.

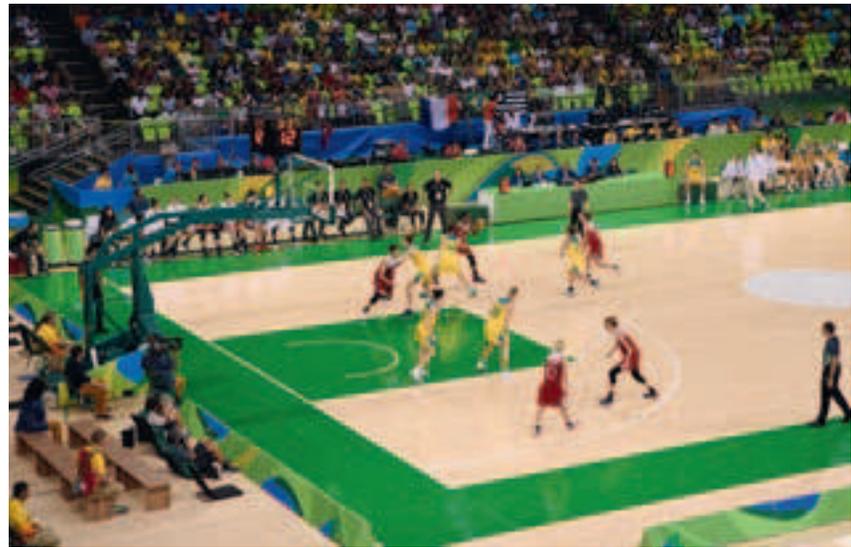
Today Gerflor sports floorings are not only associated with international sporting events but are also now a popular choice in the education, leisure, fitness, sports and hospitality markets.

Gerflor stepped up to the Olympic challenge for 2016 Rio Games

The Rio 2016 Summer Olympic Games was one of the biggest sporting events on the planet with sport and heroic challenges taken on by the best of the best. It simply was the biggest show on Earth.

The Rio Olympics (5th to 21st August 2016) and the Paralympics (7th to 18th September 2016) was the first edition of the games to be held in South America. It brought together 65 disciplines, 16,000 athletes from 206 countries, 4,500 officials, 70,000 volunteers and... 25,000 journalists.





Taraflex®

Rio 2016 saw Gerflor take centre stage in the manufacture, delivery, installation, technical assistance and dismantling of flooring for 7 volleyball courts and 6 handball courts. This was a colossal flooring project totalling over 15,000m², featuring our hugely successful Taraflex® sports flooring product. The volleyball courts included Taraflex® colours ranging from Coral to Teal and Terracotta, with the handball courts enjoying the vibrant arrays of Mint Green, Terracotta and Oak. We promised to deliver a stunning, visual spectacle for both players and spectators alike and that is exactly what we did.

The quality of the sports floor was absolutely essential for good sporting practice and athlete performance. Aimed at fostering a celebratory atmosphere and creating memorable experiences, the Rio 2016 'look' was far more than a mere branding exercise. It also came down to how the surfaces and playing areas would appeal to both the athletes, the spectators and the cameras. Health and safety was a major consideration, because a poorly installed or low-quality floor could increase the risk of injuries and accidents. To be suitable for sport practice and its safety, the floor had to be durable, easy to maintain, impact absorbing and adherent.

Based in France, Gerflor has over 70 years' experience in the research and creation of indoor vinyl sports flooring. Taraflex® sports floors have been used since 1947 at the largest international sports federations (volleyball, handball, badminton and table tennis). Through partnerships with these federations, Gerflor has been present at the Summer Olympic Games since 1976. It's an Olympic pedigree stretching back over an incredible 40 years.

Connor Sports®

In addition to this the 2016 Rio Olympic Committee purchased eight courts for basketball and wheelchair basketball arenas. They specified a total of 75,000m² of flooring that undertook the rigours of top-flight performance. The criteria stipulated prior to the specification that it had to be an FIBA level 1 floor, be removable for re-use after the games, and provide outstanding on-site support. Connor Sports® QuickLock™ floors were selected. Roberto Siviero General Manager, Sport Competition said at the time, "We used Connor Sports® courts for Basketball/Wheelchair Basketball at the 2016 Olympic and Paralympic Games for competition, warm-up and practice venues. We received very positive feedback from the players, coaches and officials on the court's look, feel and play characteristics. The Connor basketball courts will remain in Brazil as a legacy of hosting the Olympics."

Innovative solutions whatever your application

Sports Hall
Taraflex® Sports Flooring
Connor Sports®



Floor Protection
Taraflex® Bateco



Outdoor Area
Sport Court® PowerGame™





Shower and Changing Rooms

Tarasafe Ultra H₂O



Storage Area

GTI Max



Free Weight and Heavy Weight

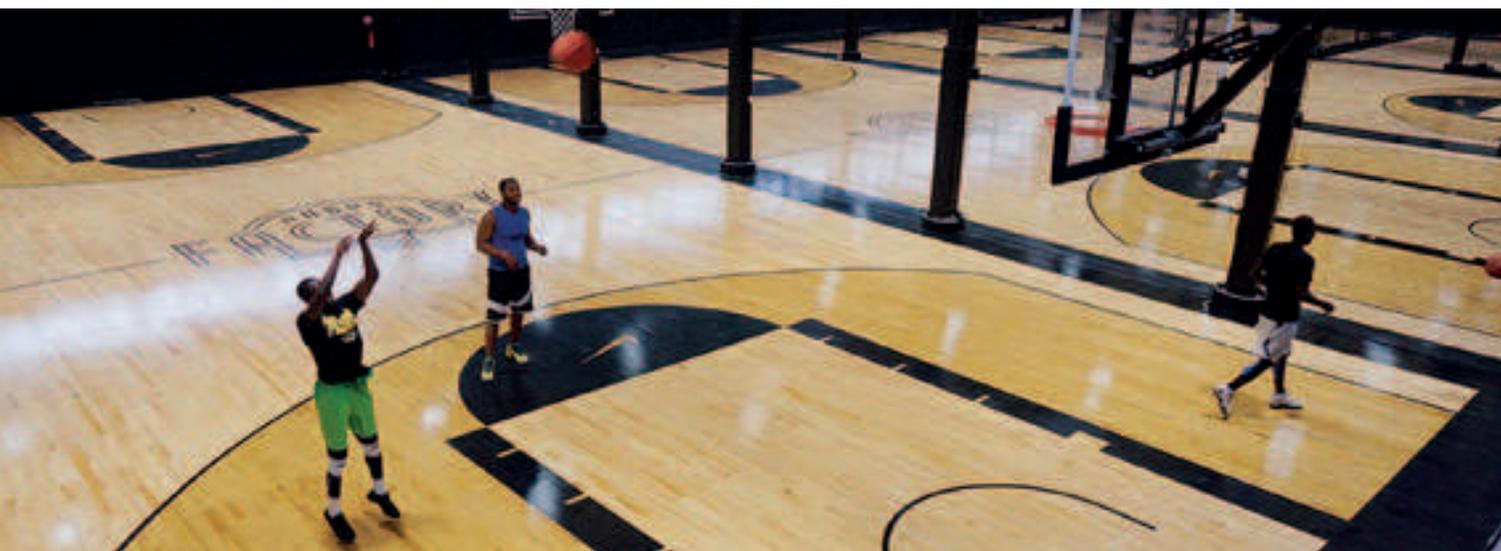
Powershock

Cardio Zone

GTI Max

Durable and sustainable

Gerflor has a range of durable and sustainable solutions for all areas of your facility. Our products are world class and the portfolio includes flooring for both the full scope of indoor applications and also outdoor play. We understand how important it is to future proof your interiors, therefore our solutions offer optimum safety, comfort, performance and are competitively priced to meet the needs of most budgets. We can assist you with specifications, technical advice and quoting for new build or refurbishments projects.



Our solutions

Taraflex®

Taraflex® is the most widely specified sports surface in the world. Chosen by top international athletes for its unique construction and technical performance, it has been fitted at every Olympic Games since 1976. Taraflex® is an approved surface by many National and International governing bodies of sport.



Connor Sports®

Founded in 1872, Connor Sports® is the market leader in portable and permanent hardwood sports flooring systems. In 1914, Connor Sports® installed the first basketball court in the USA. More than half of the teams in the NBA have purchased a Connor Sports® hardwood system and it is an approved system by many International Sporting Federations.



Sport Court®

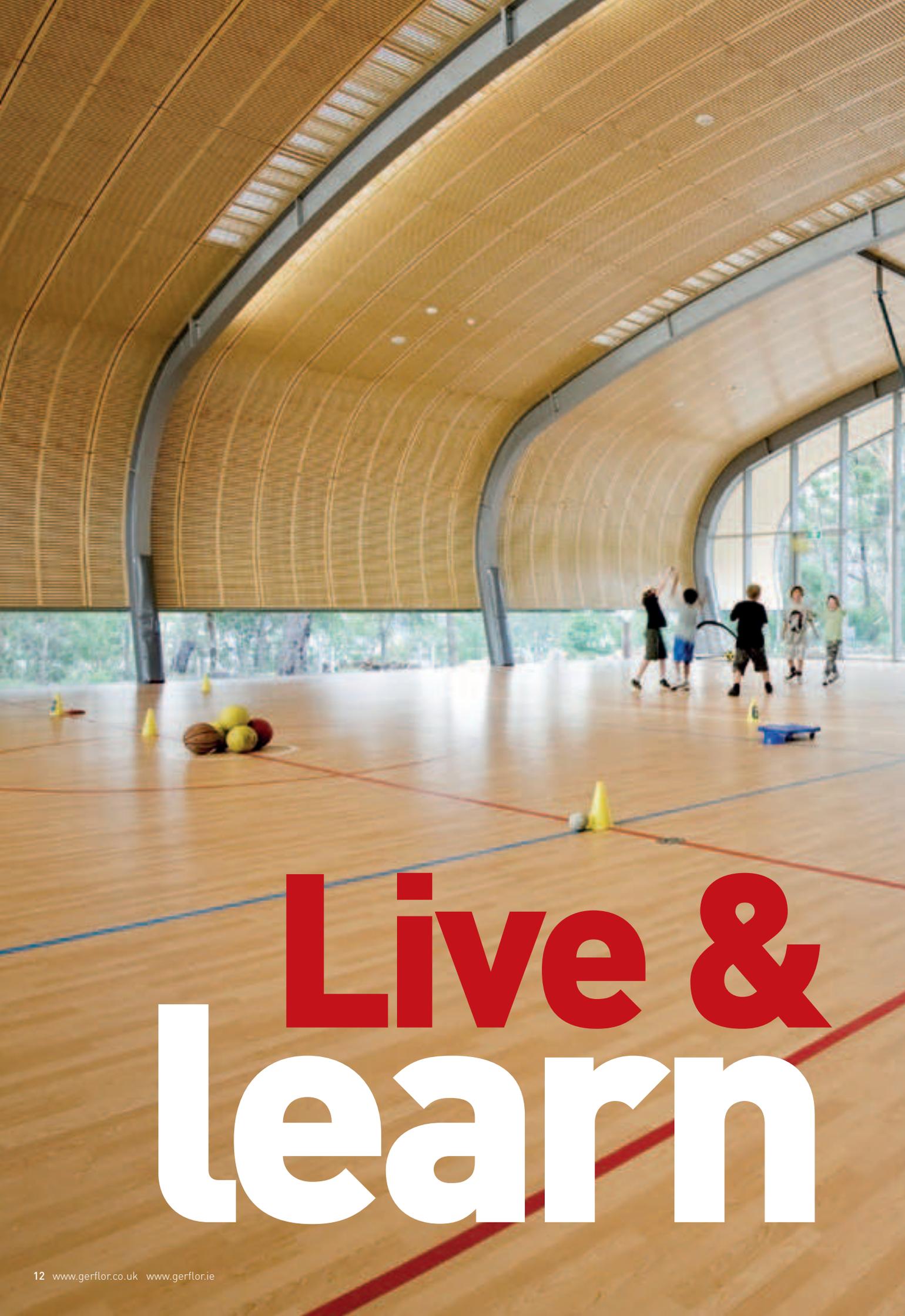
More athletic events are played on Sport Court® surfaces than on any other outdoor sports flooring in the world. Sport Court® is a registered trade mark of Connor Sport Court® International and is used to identify the original and authentic modular sport surfaces developed and continuously improved since they were introduced in 1974.



Fitness

We have a wide range of technically advanced flooring solutions tailored to the needs of the fitness market. Innovative products that assist with getting your facility open as soon as possible or refurbish without the need to close. Different areas of fitness have different technical constraints, you can now have one supplier with a solution for every zone.

FITNESS



Live & learn

TARAFLEX®

SPORTS

Taraflex® is an indoor synthetic sports flooring range that is ideal for every level of performance. It is widely recognised and used within the education, community, leisure and health and fitness sectors. Over 6 million children everyday enjoy the benefits of Taraflex® sports flooring. A versatile range that can be used for various multi-specialist applications and is sensibly priced for new build projects and refurbishments. It is extremely durable and cost effective to maintain. User benefits include reducing injuries from bumps and falls and offering a feeling of comfort and protection so that both children and adults can enjoy their sporting and exercising experience.





Eastern Leisure Centre

Taraflex® Sport M Performance

“We would definitely specify Gerflor products again. The Eastern Leisure Centre has been a good contract to be involved in, hopefully the refurbished building will be used and enjoyed by the local community for years to come.”

Matthew Graves

Commercial Director, Puma Floors Ltd.

The council-run Eastern Leisure Centre in Cardiff had more than 250,000 users last year, but was in urgent need of modernisation. New features would include an open reception area, improved changing rooms, gym and soft play facilities; a new dance studio and spin room. The Eastern Leisure Centre would need a top-performing sports floor to meet the rigorous demands of this hugely popular facility which has high levels of sports and leisure traffic.

Puma Floors Ltd was founded in November 2001, expanding over the years they now have their own premises together with a fleet of branded vehicles. With a hard-working, talented team of floor-layers, Puma Floors confidently deliver their ability as a company to meet the demands and expectations of their expanding client base, providing specialist flooring work across Wales and the rest of the UK. Matthew Graves, Commercial Director, Puma Floors Ltd, commented, “We originally provided a quotation at the tender stage when the main contractor was appointed and progressed our sales activity to secure the work by providing a new quotation, which subsequently meant we were appointed”.

Councillor Peter Bradbury, cabinet member for community development, Co-operatives and social enterprise, said at the time, “The modernisation of Eastern Leisure Centre has enjoyed strong support from both the community and elected councillors so this multi-million-pound investment will be welcome news”.

Gerflor, an eco-responsible player



Let's go further

We think actions speak louder than words. Hygiene, indoor air quality, safety, acoustic and visual comfort are part of all our product specifications offering benefits for users.

1 Indoor air quality

Meeting ISO 16000 standards, we have some of the lowest VOC emissions on the market.



2 Energy saving

A colour selection with high light reflectance values assists with lighting energy saving when Y > 20.



3 Reduced maintenance costs

Protocolsol® surface treatment is the most durable on the market. It ensures minimal maintenance and exceptional sustainability of the product.



4 A proactive post manufacturing waste management

- Made from 30% recycled vinyl
- 100% recyclable



5 A second life programme for post installation waste

Re-use of post installation waste and redundant materials.



6 Selected and responsible raw materials

- NO** heavy metal
- NO** solvent
- NO** formaldehyde
- NO** substance potentially subject to REACH* restrictions

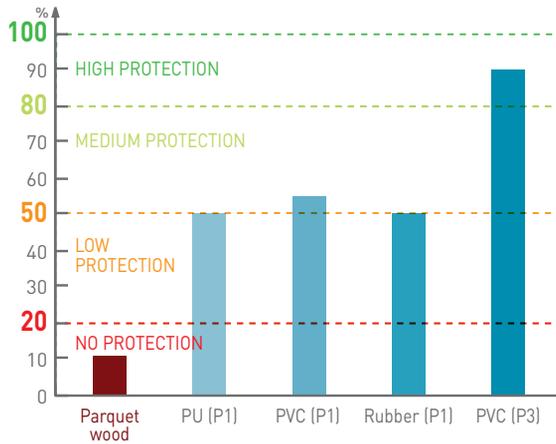


*REACH is the European regulation on registering, assessing and authorising chemical products within the European Union.

4 reasons why you should choose Taraflex®

For protection

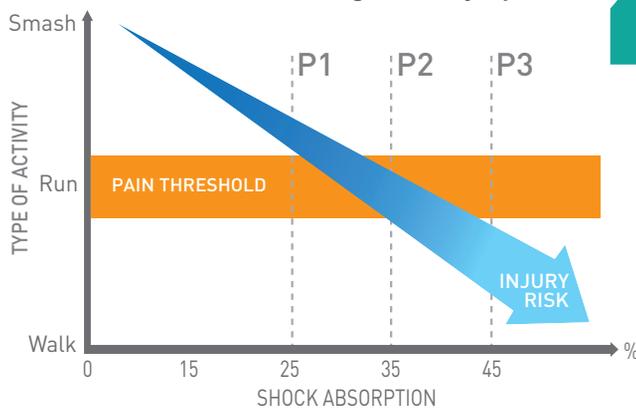
The floor that brings immediate protection on impact to all users when falling, diving or sliding on the floor.



Gerflor offers Taraflex® Sport M Comfort, a P3 floor with **the highest level of comfort on the market.**

For safety

Shock absorption minimises the force of impact on the body and reduces long term injury risk.

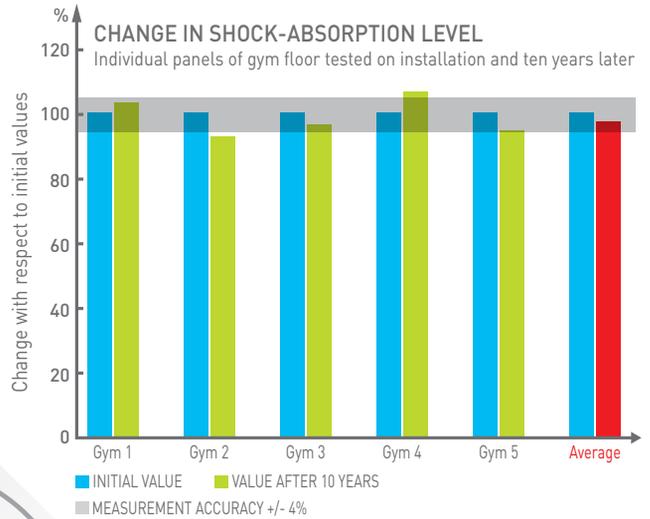


With a complete range of shock absorption P1/P2/P3, Gerflor provides the right solution and the best safety for users.

3

For life

Taraflex® technology ensures a long lasting high performance of the products for the lifetime of the floors.



Study available on demand.



Gerflor guarantees the category P1/P2/P3 after 10 years use.

4

Floors for champions

A Partner of Major Sports Federations

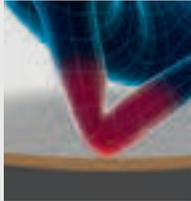


Protection (IPI)

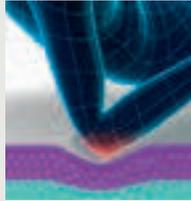
IPI

= IMPACT PROTECTION INDEX

≤ 50%	Low protection
50% < IPI ≤ 80%	Medium protection
> 80%	High protection



Small surface impact area, **low IPI floors**, high risks of immediate injuries



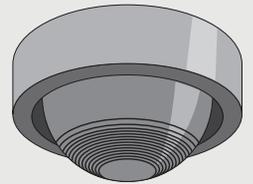
High impact surface area, **high IPI floors**

■ **PROTECTION** is the property of the floor that reduces immediate injuries when falling, diving, sliding on the floor for all users (children, adults, athletes...)

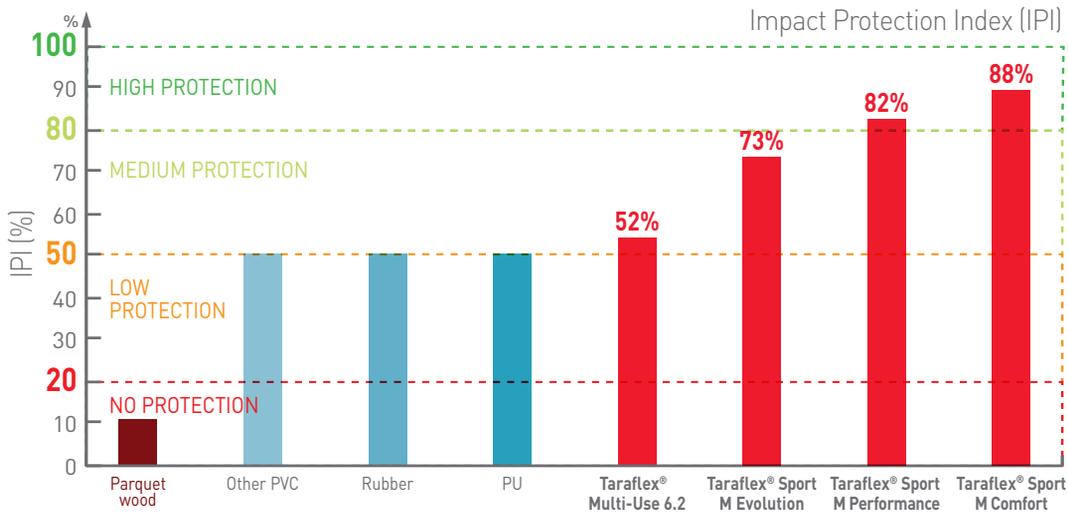
■ **Now we can measure it!**
Accelerometric impactor to measure the level of protection of sports floors (AC P 90-205)

■ **The higher the IPI (Impact Protection Index), the higher the PROTECTION (less pain, less bones traumatism...)**

IPI Impactor



Taraflex® ranges offer high performing IPI



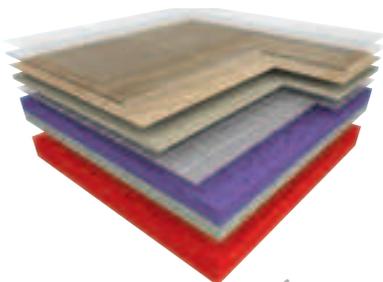
SOURCES:

- ETH Zurich study
- Poitiers University biomechanical study
- AFNOR recommendation letter AC P 90-205

Gerflor's answer

Taraflex® Sport M Comfort

Profecsol® D-Max CXP^{HD}



12mm

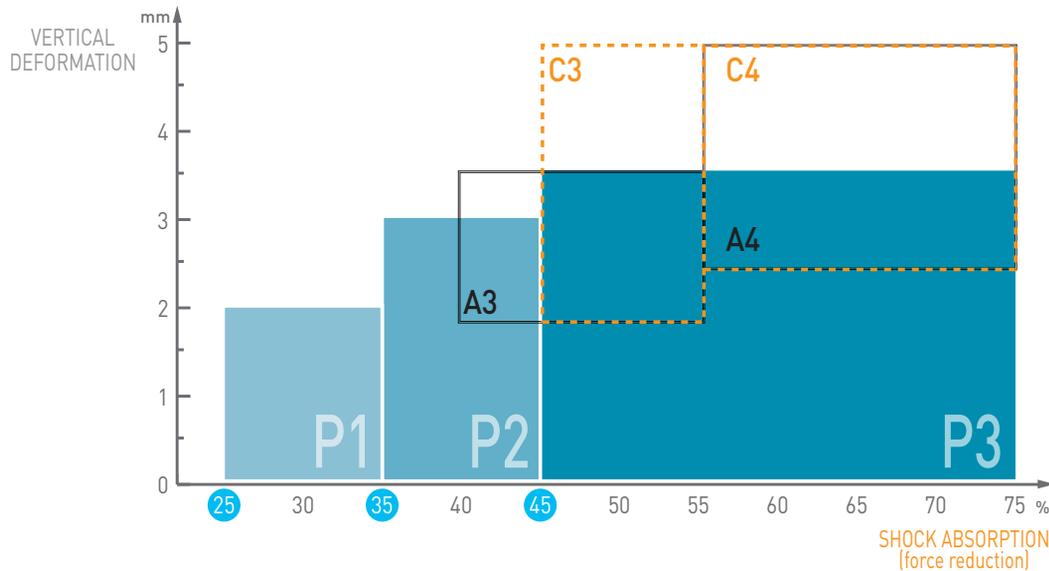
P3

■ The highest level on the market: **IPI = 88%**

■ Recommended by the French ministry of Equipment for Children's exercise rooms in all schools

EN 14904 European sports flooring standard

EN 14904 Standard: minimal performance requirements to be met by indoor sports floors



3 types of sports floors:

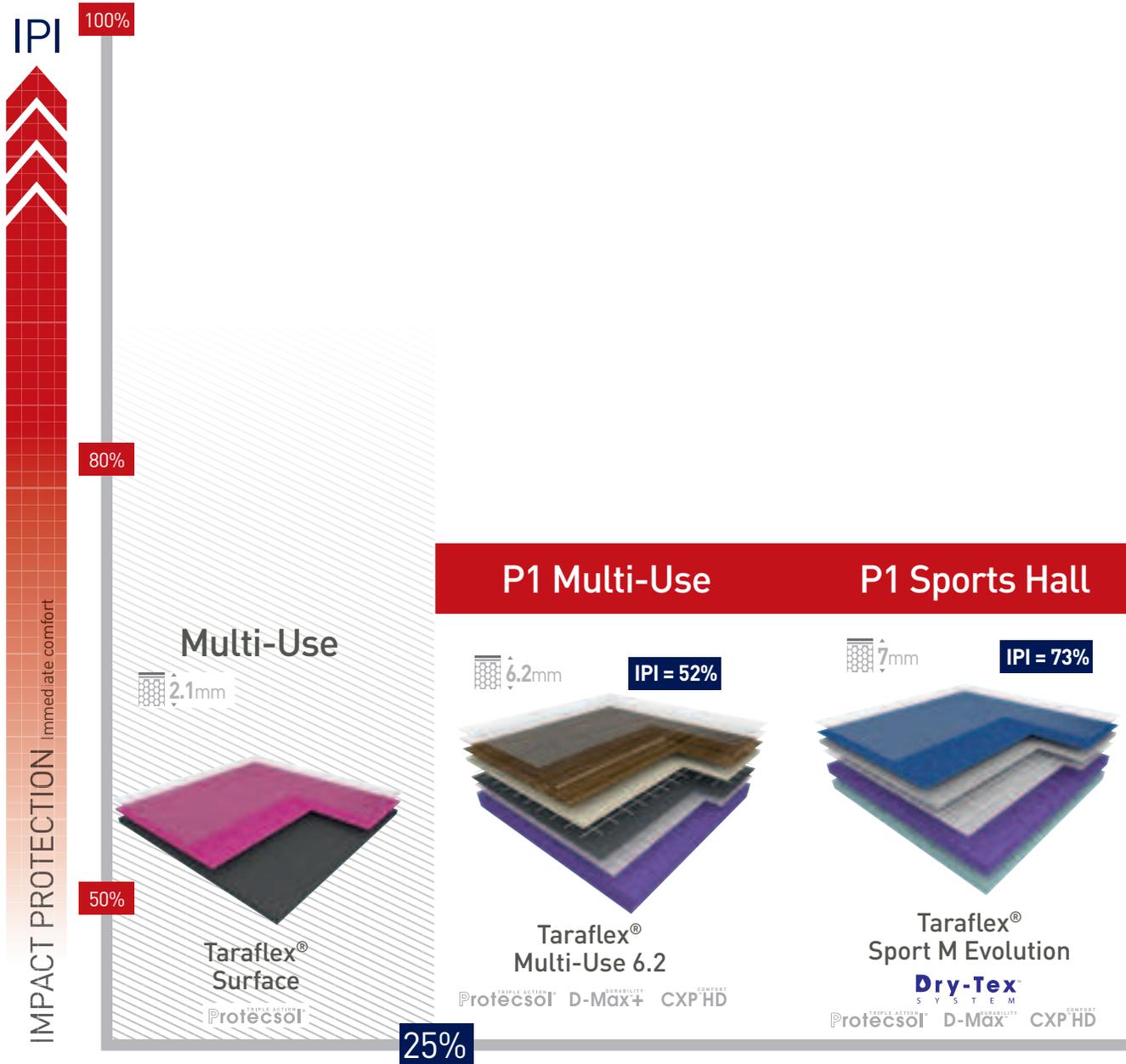
- 1 Point-elastic floors** such as Taraflex® (Taraflex® Sport M Evolution, Taraflex® Sport M Performance, Taraflex® Sport M Comfort and Taraflex® Multi-Use 6.2).
- 2 Area-elastic floors** such as sprung wooden floors.
- 3 Combined floors**, providing a combination of point-elastic and area-elastic floor features.

Standard values:

The EN 14904 standard determines force reduction classes for all floors. The objective is to draw attention to the necessity of installing safe, comfortable floors that reduce the risk of injuries.

EN 14904	DESCRIPTION	STANDARD	REQUIREMENT	UNITS
SPORTS PROPERTIES	Vertical deformation	EN 14809	≤ 3.5	mm
	Shock absorption (Force Reduction)	EN 14808	≥ 25	%
	Friction coefficient	EN 13036-4	80 - 110	-
TECHNICAL CHARACTERISTICS	Ball bounce	EN 12 235	≥ 90	%
	Indentation resistance	EN 1516	≤ 0.5	mm
	Wheel resistance	EN 1569	≥ 1500	N
	Impact resistance	EN 1517	≥ 8	N/m
	Abrasion resistance	EN ISO 5470-1	≤ 1000	mg
	Gloss	EN ISO 2813	≤ 30	%
	Flatness	EN 13036-7	< 6mm/3m	-
CLASSIFICATION	Fire rating	EN 13501-1	C _f -s ₁	-
	Formaldehyde emission	EN 717-1/2	≥ E1	-
	Pentachlorophenol emission	EN 12673	< 0.1	%

Product selection guidance



SAFETY Protection against long-term injuries

Protection IPI = Impact Protection Index

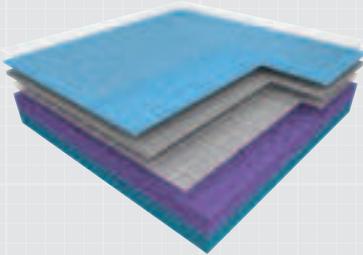
A major mechanical property of the sports floor to provide the right level of immediate comfort to the users when falling, sliding or diving on the floor: less pains, less bruises and less bone traumatism.

< 50%	Low protection
50% < IPI < 80%	Medium protection
> 80%	High protection

P2 Sports Hall

9mm

IPI = 82%



Taraflex®
Sport M Performance

Dry-Tex
SYSTEM

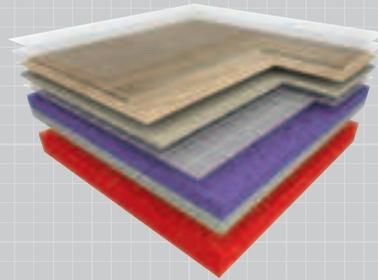
TRIPLE ACTION™ D-Max™ COMFORT
Protocolsol™ D-Max™ CXP HD

35%

P3 Sports Hall

12mm

IPI = 88%



Taraflex®
Sport M Comfort

TRIPLE ACTION™ D-Max™ COMFORT
Protocolsol™ D-Max™ CXP HD

45%

SA%
(Shock Absorption)

Safety

Protection against long term injuries
less shin splints, less tendonitis.

SA% = SHOCK ABSORPTION (EN 14904)

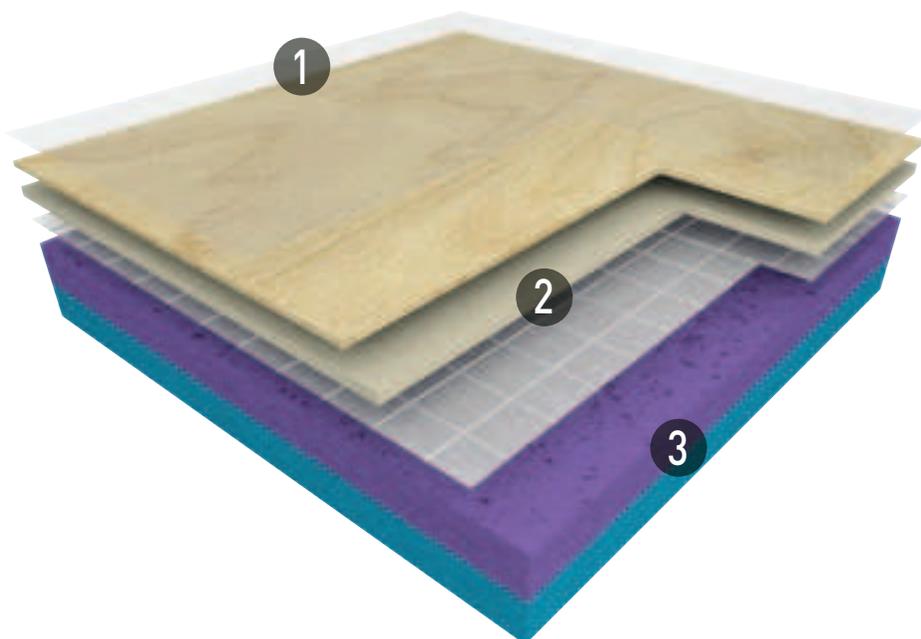
25% ≤ P1 < 35%

35% ≤ P2 < 45%

45% ≤ P3



The secrets of Taraflex® sports flooring



1. ProtecSol® Triple Action

A surface treatment with the unique and patented triple action ProtecSol®, offers three key benefits:

- An 'intelligent' surface treatment, forming the ideal compromise between slide and grip for sports shoes. The floor provides safe grip and resistance as the athlete accelerates but allows the feet to move freely as they rotate.
- A skin-burn free surface, on which the temperature during a fall is reduced by 25%, thus minimising the risk of friction burns.
- A surface that is cost effective and easy to maintain.

2. D-Max/D-Max + Durability™

D-Max™ surface is a UNIQUE complex made up of calendered PVC sheets reinforced with fibreglass grids ensuring high durability of Taraflex® Sports Flooring.

- D-Max™ +, an exclusivity Taraflex®, is reinforced with two fibreglass grids providing:
- Outstanding dimensional stability (>0.1%)
- An indentation resistance improved by 35% to increase the range of floor usages.

3. CXP Comfort HD™

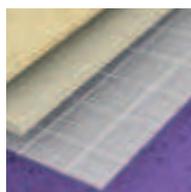
The manufacturing process for CXP (Cellular Xtreme Process) closed-cell foams has now been combined with the 'very high density' VHD foam technology developed by Gerflor.

Why use a double density foam?

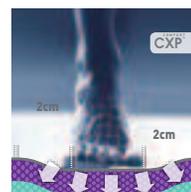
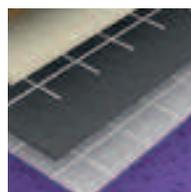
At the moment of impact on the floor:

- The light and elastic foam of the lower layer compresses totally in order to ensure protection and safety.
- The VHD foam of the upper layer remains firm, making the deformation trough around the foot two times larger for more freedom of movement in rotation and secure foothold to minimise the injury risk.

D-Max™ DURABILITY



D-Max+™ DURABILITY



The combination of ProtecSol®, D-Max™/D-Max™+, CXP™HD foam ensures that Taraflex® Sports Flooring are durable and high performing.



Product specification guidelines

Choose your floor according to your usage

	Basketball	Volleyball	Handball	Netball	Floorball	Futsal	Tennis	Table Tennis	Badminton	Rolling Sports/ Wheelchair Sports	Sitting Disability Sports	Cricket
Taraflex® SPORT M COMFORT (P3) <small>(ECB Compliant)</small>	●	●	●		●				●			●
Taraflex® SPORT M PERFORMANCE (P2) <small>(ECB Compliant)</small>	●	●	●	●	●	●			●			●
Taraflex® SPORT M EVOLUTION (P1)	●	●	●	●		●		●	●		●	
Taraflex® MULTI-USE 6.2 (P1)						●		●	●		●	
Taraflex® SURFACE	Installed over an undercarriage system							Installed over an undercarriage system		●	●	
Taraflex® TENNIS (P1)							●					
Taraflex® TABLE TENNIS 3.7 PORTABLE / 4.5 PERMANENT / 6.2 PERMANENT								●				
Taraflex® BADMINTON 3.9 PORTABLE / 4.5 PERMANENT / 7 PERMANENT									●			

● = Recommended / ■ = Possible

Taraflex® Sport M Comfort and Sport M Performance pass the England and Wales Cricket Board (ECB) compliance test





University of St Andrews

Taraflex® Sport M Comfort

“Students and members of our sports centre are very happy with the product, especially in relation to the give the floor has, making it easier on the body and safer for children’s activities. I would certainly specify this product again.”

Ian Gaunt

Assistant Director of Sport, University of St Andrews.

Founded in 1413, St Andrews is Scotland’s first university and the third oldest in the English-speaking world. Over six centuries it has established a reputation as one of Europe’s leading and most distinctive centres for teaching and research. This venerable centre of academia and sport would demand the highest standards when it came to their sports hall flooring and ensuring that students and visitors could enjoy every aspect of the Saints Sports facilities was going to be key. Taraflex® Sport M Comfort from Gerflor was specified and their sports hall would need a total of some 600m² of this remarkable product.

The University of St Andrews required a sports flooring product that would deliver to the highest standards and would also look fantastic. The other main challenge was to also supply a multi-use sports flooring solution that could be used to facilitate the sports area being used for exams in order that tables and chairs could be easily accommodated during term time.

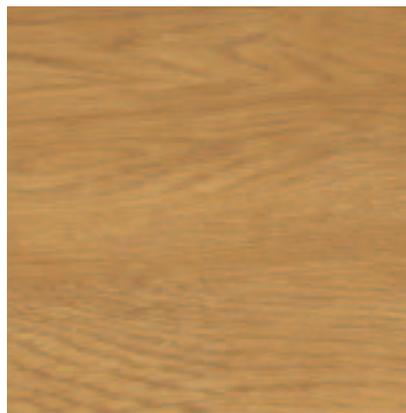
Ian Gaunt, further commented, “We chose Taraflex® Sport M Comfort as it came with a good reputation, both from colleagues in the higher education sector and the London 2012 Olympics. The colour was chosen to brighten up our previously dull sports hall. The London Light Blue floor from Gerflor has helped make the sports hall an attractive place to play sport.”

Turn your design into reality

All colours are available with Taraflex® Surface, Taraflex® Sport M Evolution, Taraflex® Sport M Performance and Taraflex® Sport M Comfort.



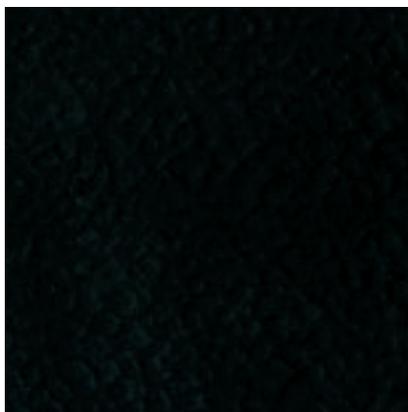
6350 - Light Cherry / Y = 43.3



6375 - Oak / Y = 29.7



6381 - Maple / Y = 39.9



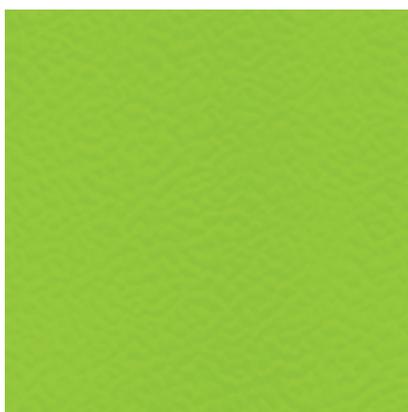
6830 - Black / Y = 4.2



6570 - Mint Green / Y = 16.9



6557 - Forest / Y = 10.9



6559 - Spring / Y = 47.1



6347 - Beige / Y = 39.7

(Y): Light reflectance values according to the EN 13 745

Assists with lighting energy saving when Y > 20



6873 - Anthracite / Y = 20.5



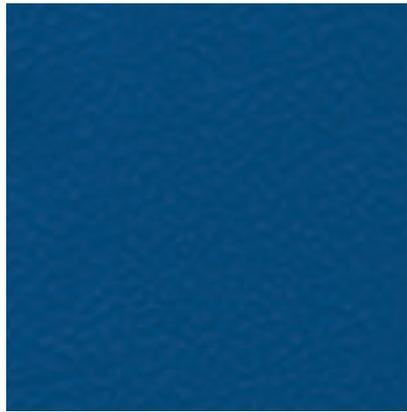
3764 - Taupe / Y = 17.9



6758 - Silver Gray / Y = 36



6445 - Lagoon / Y = 25.7



6430 - Blue / Y = 8.3



2404 - London Light Blue / Y = 33.8



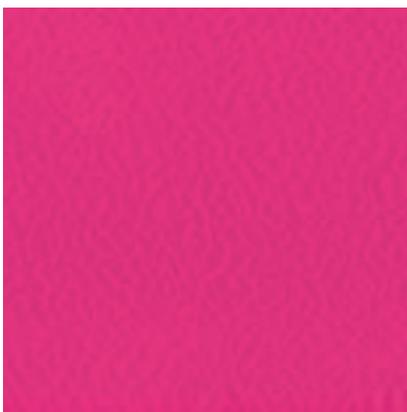
6431 - Teal / Y = 21.4



6211 - Gold / Y = 45.7



6038 - Terracotta / Y = 19.9



6159 - Pink / Y = 19.1



6180 - Red / Y = 10.9



6146 - Coral / Y = 28.7





The Old Trafford Youth Centre

Taraflex® Multi-Use 6.2

“We really like our new Gerflor flooring. It performs well, is easy to clean and maintain and is a real hit with all our centre visitors.”

Jill Carding

Head Practitioner, The Old Trafford Youth Centre.

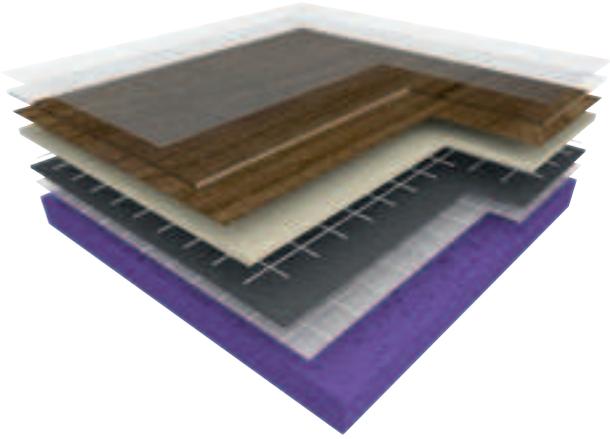
The Trafford Youth Service in Manchester works with and on behalf of young people aged 13-19. They offer advice, personal support as well as exciting opportunities to be involved in arts, music, outdoor activities and a variety of community based projects. It's a community 'fix' that's delivering hope to the young people of the area.

The Old Trafford Youth Centre on St Hilda's Road, Manchester is just a ten-minute stroll from Manchester United's football ground. The client, Trafford Borough Council wanted a warm, easy to maintain, comfortable floor for a multi-use area in the centre which could be used as a nursery during the day, as well as hosting a number of other activities such as sports at other times.

Jill Carding, Head Practitioner at The Old Trafford Youth Centre commented, "We have sixteen members of staff in the centre every day, with forty to fifty families using our facilities every week. We regularly see a decent level of footfall and having suitable flooring in the centre is a must for us."

This challenging remit would suit Gerflor's Taraflex® Multi-Use 6.2 perfectly. Trafford Borough Council already use Gerflor's popular Taralay products in their Primary Schools and Community Centres throughout the Borough, so they were already extremely confident in specifying Gerflor products for this latest project.

Taraflex® Multi-Use 6.2



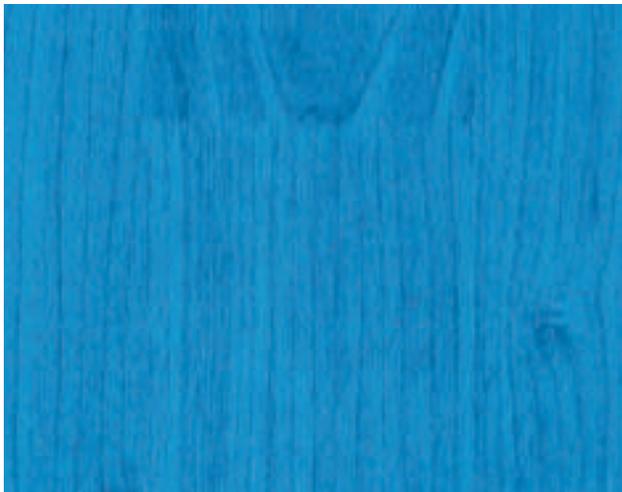
8840 - Wood Black / Y = 17.2



8068 - Wood Chocolate / Y = 9.4



4331 - Wood Natural / Y = 29.9



4453 - Wood Blue / Y = 17.9



3708 - Wood Grey / Y = 34.2

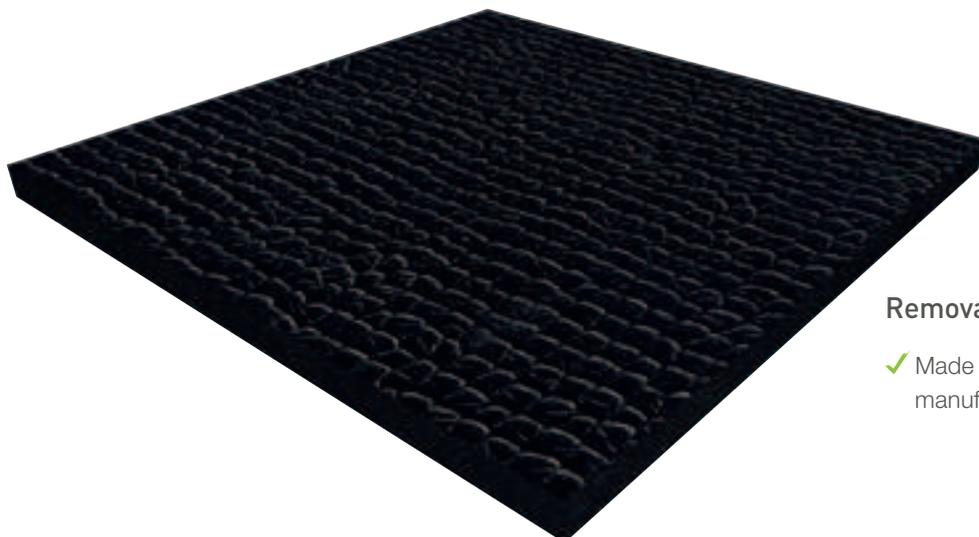
Taraflex® Bateco



Taraflex® Bateco is a movable protective surface for vinyl sports floors, made from black calendered and grained plasticised vinyl.

Specially designed to prevent marking by chairs, tables and heels on sports floors Taraflex® Bateco is easy to install, it can be unrolled in the event of a room being used for non sporting use and rolled up again to resume sporting activities.

- Roll Size: 30lm x 1.5m
- Thickness: 1.5mm
- Edge to edge installation
- Strips can be secured with single-sided adhesive tape



Removable protective layer

- ✓ Made from 100% post manufacturing recycled waste

Taraflex® Surface and Area Elastic

Taraflex® Surface



6350 - Light Cherry



6375 - Oak



6381 - Maple



6830 - Black



6570 - Mint Green



6557 - Forest



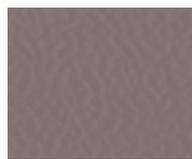
6559 - Spring



6347 - Beige



6873 - Anthracite



3764 - Taupe



6758 - Silver Gray



6445 - Lagoon



6430 - Blue



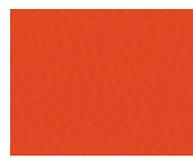
2404 - London Light Blue



6431 - Teal



6211 - Gold



6038 - Terracotta



6159 - Pink

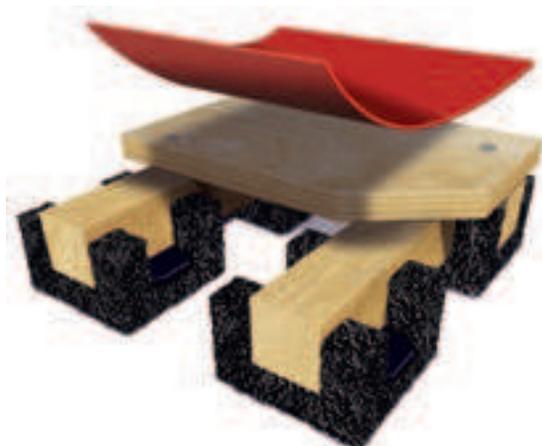


6180 - Red



6146 - Coral

Taraflex® AE*85



Taraflex® AE*28

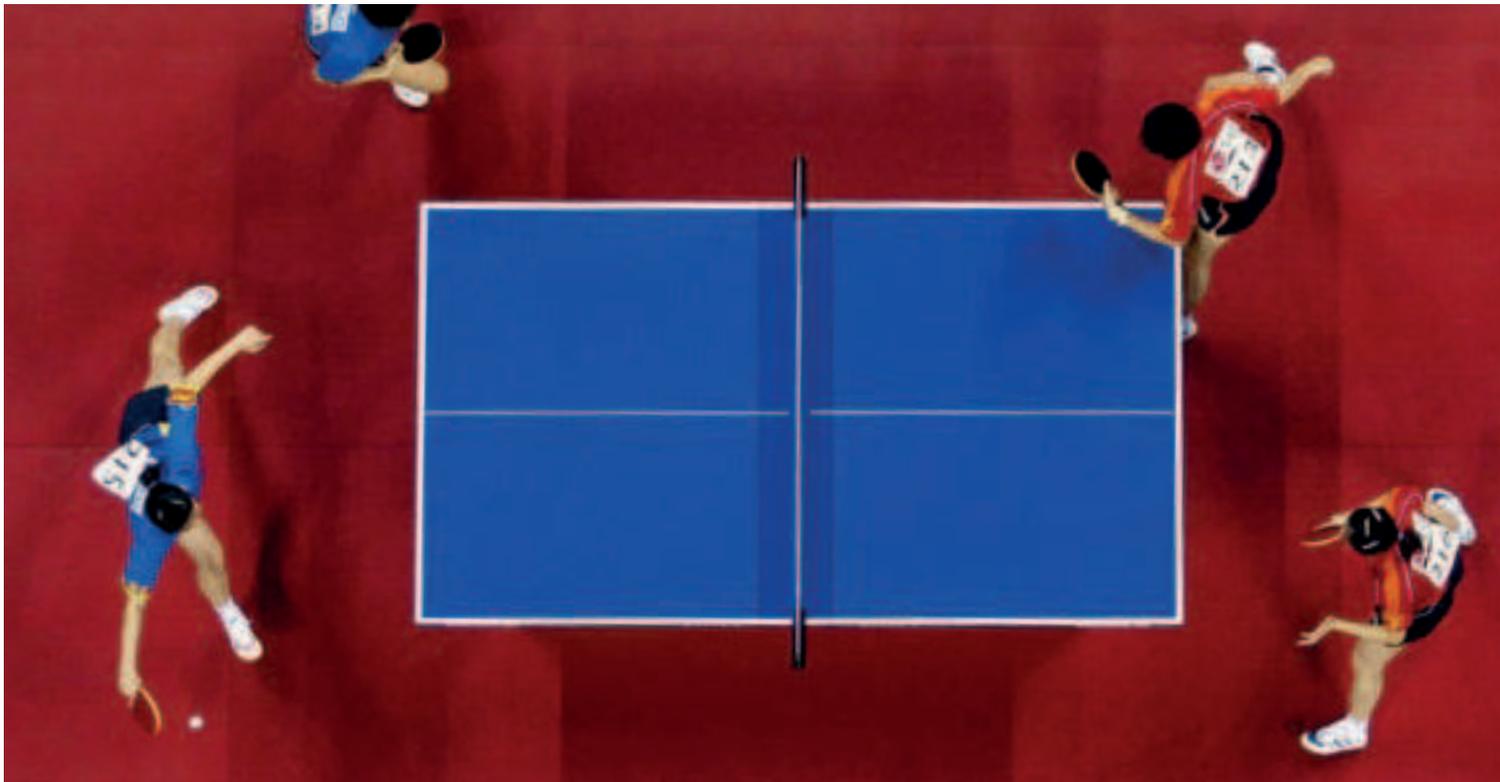


Combines the benefits of a Taraflex® Surface with a sprung floor undercarriage system:

- Triple Action ProtecSol® Surface
 - Prevents friction burns
 - Optimises foothold and slide to prevent injury and improve performance
 - Low maintenance – a ‘no polish for life’ surface
- EN compliant: category A4 with 56% force reduction (AE 85) or A3 with 49% force reduction (AE 28)
- Wide choice of colours and wood designs
- 2 sprung floor systems: choose the best solution to meet your technical needs
 - AE 28 for low profile / renovation projects
 - AE 85 for floors with uneven subfloors / new build projects

*AE = Area Elastic: denotes that this option does not include a CXP™ closed foam point area elastic solution.

Taraflex® Combisport



Taraflex® Combisport 85



Ideal for installations with uneven subfloors - system adjustable up to 9mm

- The combination of a fully height adjustable cradle and batten substructure overlaid with plywood and Taraflex® produces one of the highest specification sports floors available on the market
- Maximum player safety and ball bounce due to patented rubber shock absorbers
- Fully compliant with EN 14904

Taraflex® Combisport 28



Ideal for installations requiring a low profile floor / renovation projects

- Performance - The patented sprung floor undercarriage system comprises tongue and groove panels with pre-adhered shock absorbent rubber crumb strips
- Resilient - The recycled rubber strips, set at 300mm centres, have a unique wave shape to ensure optimum ball bounce and no dead spots
- Durability - The panels have tongue and groove joints which ensure an even, flat floor and rapid installation
- Toughness - The high quality plywood surface is flexible and designed to provide optimum energy return over the full life of the product

My Logos for a stunning result

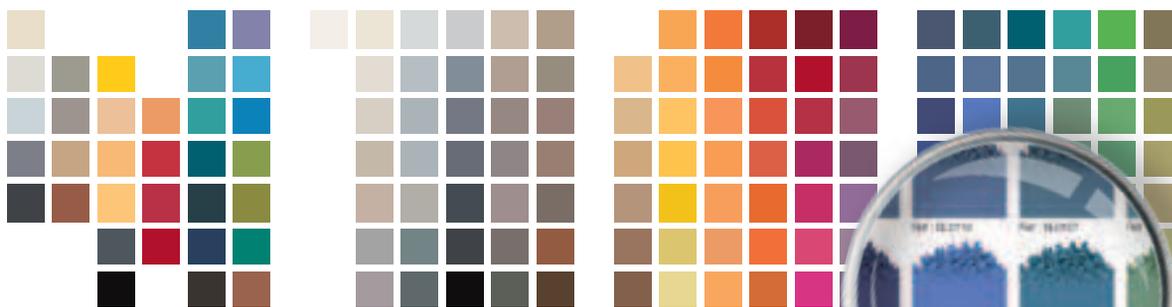


Thanks to waterjet cutting technology, you can customise your floor with your city or club colours.



For further information, please contact your sales representative.

My Taraflex® for customised floors



- 1 Choose your colours from 130 references
- 2 Receive your prototype free of charge within 15 working days of your request (excluding shipping time and maximum of 3 per completed form)
- 3 Validate ✓

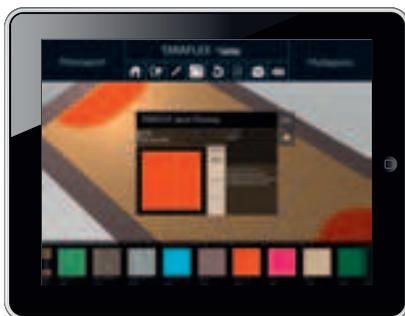
Condition: minimum order quantity 1,000 sqm per colour and per project

Visualise your harmonies on mytaraflex.gerflor.com

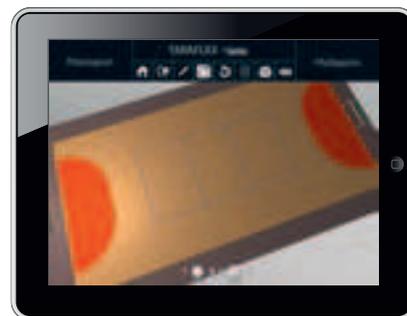
3D Court Designer to visualise your project in 3D



- 1 Choose your surface: monosport or multi-sports



- 2 Choose your colours



- 3 Visualise your surface in 3D

Available at gerflor.co.uk and gerflor.ie





Wednesbury Leisure Centre

Taraflex® Sport M Performance

“SLT chose Gerflor’s Taraflex® because it’s a market-leading product that provides a flexible, easy maintenance flooring which is suitable for a wide variety of sports and community activities.”

Mark Wildman

Marketing Manager, Sandwell Leisure Trust (SLT).

Sandwell Leisure Trust (SLT) has worked in partnership with Sandwell Council to fast-track the building of this new centre providing the people of Wednesbury and the wider community with an exciting new swimming, sport and leisure centre. SLT is a registered charity, not for profit organisation and social enterprise that carefully balances its commercial aspirations with its social ethos. It manages Sandwell’s leisure centres and a sports development and physical activity team on behalf of Sandwell Council with an overall aim of creating an active Sandwell. At SLT they take great pride in delivering activities to the wider community and work in partnership to help increase and promote physical activity in Sandwell.

Sandwell’s newest sport, swimming and fitness facility located in the heart of Wednesbury boasts a plethora of facilities including two deck-level pools, a seventy-five station fitness gym, dedicated spin studio, two dance studios hosting a wide range of fitness classes, and three court sports halls. With quality top of the SLT agenda they would need the very best possible flooring for their sports hall which could deliver performance, safety and comfort. They chose Olympic-standard Taraflex® Sport M Performance flooring. The project would consume a healthy 340m² of this high-performing product.

Racket sports



Specialised surfaces

- When playing racket sports, the floor is part of the game, it participates in the enjoyment of the sport and the success for players.
- Racket sport floors should offer an excellent compromise between slide and grip for lateral displacements, acceleration and changes of direction.
- Our continual investment in R&D and our lasting partnership with international sport federations has earned us our reputation for specialised sports. Gerflor offers a complete range of solutions for racket sports (Table Tennis, Badminton and Tennis) with different types of installation methods (portable and permanent floors) to meet the expectations of the players and the facilities.

Gerflor's answers

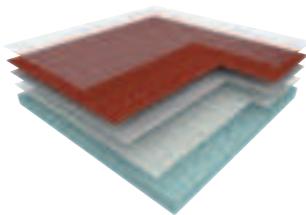
Taraflex® Table Tennis

TRIPLE ACTION®
Protectsol® D-Max+ DURABILITY

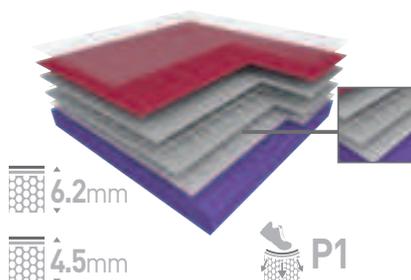
Engineered and developed in partnership with International Table Tennis Federation (ITTF).

- Available in ready to go, easy to install portable playing surface (3.7 mm) and permanent format (4.5 or 6.2 mm)

Portable solution



Permanent Solutions



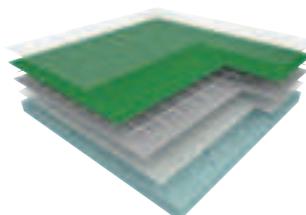
Taraflex® Badminton

TRIPLE ACTION®
Protectsol® D-Max+ DURABILITY

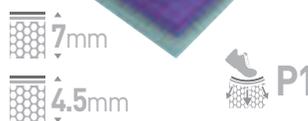
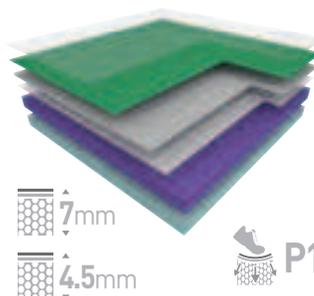
The ultimate in player protection and perfect footing.

- Available in ready to go, easy to install portable playing surface (3.9 mm) and permanent format (4.5 or 7 mm)

Portable solution



Permanent Solutions

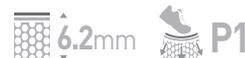


Taraflex® Tennis

DURABILITY
D-Max+ COMPASAT
CXP HD

The ideal and safest Tennis surface for young beginners, senior players and tennis clubs.

- Fast ball speed



Disability sports

Floors for sports enjoyment

- Taraflex® Sports Floorings are recognised all over the world for all types of sports. Cushioned floors, with high IPI values, are key features for sitting volleyball and other sitting sports.
- Taraflex® multipurpose products are also suitable for rolling sports. Playing on a Taraflex® sports floor adds to the enjoyment of sport for ALL athletes.



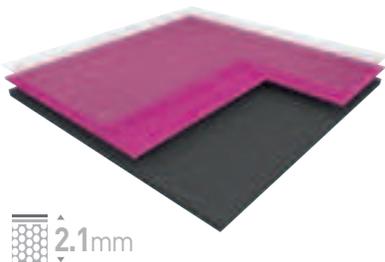
Gerflor's answers

Taraflex® Surface

Profecsol D-Max

Ideal for rolling sports and heavy duty multipurpose usage.

- Offering an excellent grip/slide coefficient, Taraflex® Surface is available with the highly durable D-Max™ multi-layer surface for maximum durability and indentation resistance

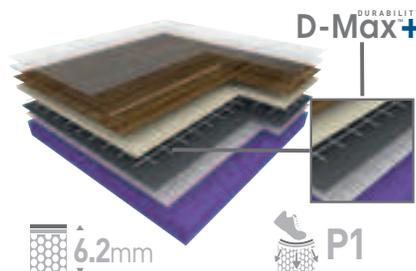


Taraflex® Multi-Use 6.2

Profecsol D-Max+ CXP HD

A sports floor adapted for wheelchairs and multisports.

- A real sports floor in the P1 category (complies with EN Standard 14904) 25 to 35% of shock absorption
- Triple strength: two fibreglass grids and one veil for an outstanding indentation resistance
- Excellent resistance to rolling loads

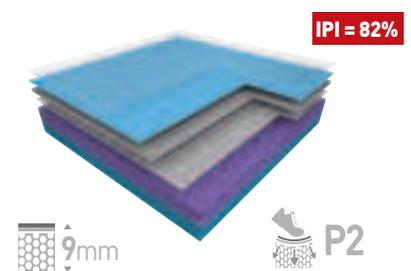


Taraflex® Sport M Performance

Profecsol D-Max D-Max+ CXP HD

Protection and performance.

- With an IPI of 82%, Taraflex® Sport M Performance brings high level of comfort for sitting athletes and participates to the enjoyment of sport







Wilmslow High School

Taraflex® Sport M Performance

“The Taraflex® Sport M Performance has been down a year now and looks fantastic. It’s remarkably easy to clean and comes up looking like new every time.”

Stuart Dodds

Assistant Head Teacher, Wilmslow High School.

Judged as ‘outstanding’ by Ofsted, Wilmslow High School in Cheshire is classed as a Specialist Sports College so, when it was decided to build a new sports hall, there was a determination to specify the building to the highest standards and install the best flooring possible. Gerflor’s Taraflex® Sport M Performance was quickly identified as the natural choice due to its high levels of comfort, performance and safety, combined with its durability, easy maintenance and multi-sports capability.

Wilmslow High School has nearly 2,000 pupils aged from 11 to 18, and the belief that physical education and sport can enrich people’s lives is fundamental to its ethos. The school is one of East Cheshire centres of excellence, for badminton and cricket along with a strong netball tradition. The new hall, known as the ‘Olympic Hall’, was designed to provide four badminton courts, a full basketball court, plus practice basketball courts, cricket nets and volleyball courts, along with plenty of run-off space around them.

A measure of the Olympic Hall’s success is that it is in use from 7.30am through to 10pm every weekday and is also used at weekends. As well as pre-school training sessions, the hall is let out in the evenings through High Leisure, the bookings and facilities management business for the school.

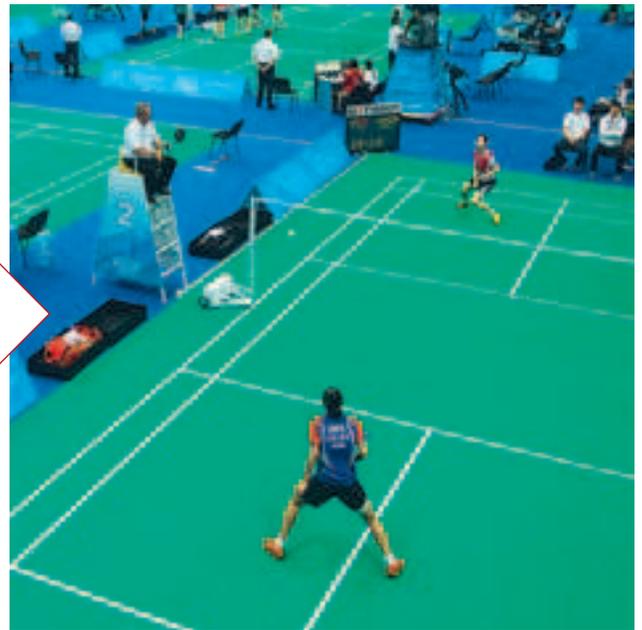
Performance sports

Badminton

“The use of a Gerflor surface improves the quality of our training environment because it replicates the type of floors used at international competitions. The level of impact absorption achieved by Gerflor also helps to reduce foot traction problems and impact injuries, compared with a wooden floor.”

Jens Grill

Performance Director, Badminton England - UK

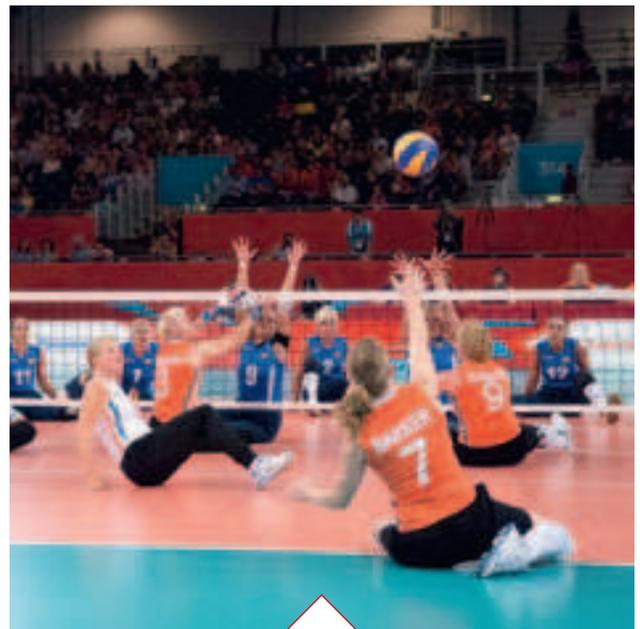


Volleyball

“The first time I played on Taraflex® was at the Olympics. It’s the best volleyball surface in the world. Every player and child deserves to play on Taraflex®.”

Caren Kemner

Owner of Riverfront Athletic Club
Voted best female volleyball player
in the world by the FIVB - USA



Sitting Volleyball

“The American team loved the Paralympic floor. This is my third Paralympic Games so I’ve played on a lot of different types of flooring but this was by far my favourite. It was easy to move on which allowed for some really exciting play throughout the tournament! We wanted to roll it up and take it home with us.”

Kendra Lancaster

USA Olympic Committee - USA





Netball / Basketball

“The feedback so far from the players, coaches and referees regarding the surface has been very encouraging. It looks great on TV and we feel it will have a positive effect against injuries usually sustained playing on timber.”

Mike Watson
Performance Competition Manager - UK



Handball

“We’ve been a partner with Gerflor since 2004, flooring is an essential part of our identity and is an indispensable asset for our sport.”

Michael Wiederer
EHF Secretary General
- AUSTRIA



Table Tennis

“For me the floor has a crucial importance. The grip should be perfect balanced so the moves during the exchanges should be easy and comfortable.”

Werner Schlager
Table Tennis World Champion - AUSTRIA



Technical data

Description	Standard	Requirement	Units	Taraflex® Surface	Taraflex® Multi-Use 6.2	Taraflex® Sport M Evolution	Taraflex® Sport M Performance	Taraflex® Sport M Comfort
Dry-Tex™ System	-	-	-	-	-			-
Product Description								
Surface treatment	-	-	-	Triple-Action Protecsol®	Triple-Action Protecsol®	Triple-Action Protecsol®	Triple-Action Protecsol®	Triple-Action Protecsol®
Surface complex	-	-	-	D-Max™	D-Max+™	D-Max™	D-Max™/ D-Max+™	D-Max™
Foam	-	-	-	-	CXP-HD™	Double density CXP-HD™	Double density CXP-HD™	Double density CXP-HD™
Thickness	EN 428	-	mm	2.1	6.2	7	9	12
Weight	EN 430	-	kg/m²	2.9	4.2	4.6	5.4	5.1
Length*	EN 426	-	lm	26.5 Max	20.5 STD	26.5 Max	26.5 Max	26.5 Max
Width	EN 426	-	lm	1.5	1.5	1.5	1.5	-
Sport Properties								
Shock absorption	EN 14808	≥ 25	%	-	P1	P1	P2	P3
Impact Protection Index (IPI)	AC-P90-205	-	%	-	52	73	82	88
Vertical deformation	EN 14809	≤ 3.5	mm	≤ 2	≤ 2	≤ 2	≤ 3	≤ 3.5
Energy return	NF P 90 203	≥ 0.31	m/s	≥ 0.31	≥ 0.31	≥ 0.31	≥ 0.31	≥ 0.31
Sliding coefficient	EN 13036-4	80 to 110	-	80 to 110	80 to 110	80 to 110	80 to 110	80 to 110
Ball bounce	EN 12235	≥ 90	%	≥ 90	≥ 90	≥ 90	≥ 90	≥ 90
Ball speed	ITF	-	-	-	-	-	-	-
Technical Characteristics								
Abrasion resistance	EN ISO 5470-1	≤ 1000	mg	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350
Impact resistance	EN 1517	≥ 8	N/m	≥ 8	≥ 8	≥ 8	≥ 8	≥ 8
Indentation resistance	EN 1516	≤ 0.5	mm	≤ 0.5	≤ 0.25	≤ 0.5	≤ 0.5	≤ 0.5
Classification								
Fire	EN 13501-1	-	-	B _{fl} -s1	C _{fl} -s1	C _{fl} -s1	C _{fl} -s1	C _{fl} -s1
Anti-bacterial activity [E. coli - S. aureus - MRSA] ⁽¹⁾	ISO 22196	-	-	> 99% inhibits growth				
Compatible with underfloor heating								
CE Marking								
	EN 14 904	-	-	Fire Sliding Coefficient Abrasion Resistance Rolling load Resistance	Fire Shock Absorption Sliding Coefficient Abrasion Resistance Rolling load Resistance			

The proposed specifications fall within the tolerance limits usually accepted in this sector whilst still complying with standards.

(1) The implementation of an effective cleaning method is the best defence against infection.

* For different roll lengths please contact us.



Taraflex® Tennis	Taraflex® Badminton			Taraflex® Table Tennis			Taraflex® Bateco
	Portable	4.5	7.0	Portable	4.5	6.2	
-	-	-		-	-	-	-
-	Triple-Action Protecsol®	PUR Protect®	Triple-Action Protecsol®	Triple-Action Protecsol®	PUR Protect®	Triple-Action Protecsol®	-
D-Max™	100% Pur PVC	100% Pur PVC	D-Max™	100% Pur PVC	100% Pur PVC	D-Max+™	-
CXP-HD™	CXP™	-	Double density CXP-HD™	CXP™	-	CXP-HD™	-
6.2	3.9	4.5	7	3.7	4.5	6.2	1.5
3.8	1.95	2.6	4.6	1.9	2.6	4.2	2.05
24 STD	16 STD	20.5 STD	26.5 Max	16 STD	20.5 STD	20.5 STD	30 Max
1.5	3 x 2.7	1.5	1.5	1.5	1.5	1.5	1.5
P1	-	-	P1	-	-	P1	-
52	-	-	73	-	-	52	-
≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	-
≥ 0.31	≥ 0.31	≥ 0.31	≥ 0.31	≥ 0.31	≥ 0.31	≥ 0.31	-
80 to 110	80 to 110	80 to 110	80 to 110	80 to 110	80 to 110	80 to 110	-
≥ 90	-	≥ 90	-	-	≥ 90	≥ 90	-
Class 5 (Fast)	-	-	-	-	-	-	-
≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤ 300
≥ 8	-	-	≥ 8	-	-	≥ 8	-
≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.25	≤ 0.5
C _{fl} -s1	B _{fl} -s1	C _{fl} -s1	C _{fl} -s1	B _{fl} -s1	C _{fl} -s1	C _{fl} -s1	B _{fl} -s1
> 99% inhibits growth		-	> 99% inhibits growth		-	> 99% inhibits growth	-
							
Fire Shock Absorption Sliding Coefficient Abrasion Resistance Rolling load Resistance	Fire Sliding Coefficient Abrasion Resistance	Fire Sliding Coefficient Abrasion Resistance Rolling load Resistance	Fire Shock Absorption Sliding Coefficient Abrasion Resistance Rolling load Resistance	Fire Sliding Coefficient Abrasion Resistance	Fire Sliding Coefficient Abrasion Resistance Rolling load Resistance	Fire Shock Absorption Sliding Coefficient Abrasion Resistance Rolling load Resistance	Fire



Slam!



**CONNOR
SPORTS**

Connor Sports® is the US market leader in hardwood sports surfacing and has built hardwood courts for the NBA®, NCAA®, FIFA® and FIBA®. Their athletic surfacing experts have developed more certified hardwood systems than any other sports surfacing manufacturer, delivering a complete line-up of products which are perfect for gymnasiums and athletic facilities of all types in the education, leisure and fitness sectors, as well as military facilities, sporting arenas and dance floor studios. Connor Sports® is a founding member of the Maple Flooring Manufacturers Association and the only US hardwood sports flooring manufacturer to have Environmental Product Declarations on its products. The Connor Sports® manufacturing facility is independently audited and verified as zero waste and fully ISO 9001 and ISO 14001 certified.





Prince William of Gloucester Barracks

Connor Sports® Maple

“As a sports specialist we were asked to replace the worn out sprung flooring at the barracks site. It was at the end of its useful life and needed urgent attention. Connor Sports® Maple from Gerflor was specified because the client CarillionAmev was looking for a long-lasting, highly durable sports surface... the product needed sound environmental accreditation and have a proven track record in facilities where top-level sport is played and where there would be high levels of traffic and usage.”

Richard Darby

Director, Reflex Sports.

The Prince William of Gloucester Barracks in Grantham were established on the site of the former RAF Spitalgate airbase in October 1976 as the new Central Volunteer Headquarters for the Royal Corps of Transport. It is now a large Territorial Army training centre. In the current training year, some 76,000 personnel were accommodated at Grantham and it boasts some outstanding training facilities. It provides phase one training to Army Reserve Recruits. Delivering high levels of fitness training is a key ingredient of any military activity and providing suitable fitness and gymnasium areas is seen as a crucial element of their ongoing training.

When the MOD supply chain company CarillionAmev wanted to upgrade the existing gym at the Prince William of Gloucester Barracks they turned to a sports flooring specialist based in Chertsey, Surrey. Reflex Sports would specify some 1,800m² of Connor Sports® Maple flooring to meet the military requirements. Richard Darby commented, “Gerflor really pulled out all the stops to ensure that the project was completed on time and to the client’s satisfaction. We have had very positive feedback from all of the users of the facility. In fact, moving forwards we are actively working on other specifications for Connor products.”

Champions of environment



ISO certified lumber mill in Amasa, Michigan (USA)

All Connor Sports® products are manufactured with the goal of minimising the environmental impact at every state of the product's life.



Since its establishment in 1897, the Maple Flooring Manufacturers Association (MFMA) is the authoritative source of technical and general information about Maple flooring and related sports flooring systems. Connor Sports® is a charter member of the MFMA and the 1st member of that group to be certified by the Rainforest Alliance™.



Connor Sports® is proud to be the only ZeroWaste company in the sports flooring industry. Recycling, avoiding waste, developing innovative technology and a strong environmental consciousness are a major part of Connor Sports® corporate policy.



Connor Sports® works with FSC (Forest Stewardship Council®). This organisation oversees high conservation value forest and protects the communities and indigenous people that rely on the forest. FSC ensures that everyone delivers the most environmentally friendly product.

Connor Sports® is the first MFMA member to introduce FSC environmentally conscious Maple flooring.

More than 100 years of experience

- Founded in 1872, Connor Sports® is the market leader in portable and permanent hardwood sports flooring systems.
- Connor Sports® professional engineers have lead the industry in new product design and development, setting the standard for innovative solutions in sports surfacing.
- In 1914, Connor Sports® installed the first basketball court in the USA.
- In the late 90's, Boston Celtics selected Connor Sports® to repurpose their famed parquet into a portable flooring system.

In 2014, Connor Sports® joined Gerflor family. With its historic brand Taraflex®, Gerflor proposes a complete offer in indoor sports flooring.

Why North American Maple?

“Hard Maple has a fine, uniform texture. It is strong, stiff, hard and resistant to shock and has high resistance to shrinkage.”

Wood Handbook 2010 - US department of Agriculture

- 2/3 of the hard Maple forest are located in a few hours radius of the manufacturing facility.
- Connor Sports® hand selects Maple trees grown north of the 35th parallel where the shorter growing season produces a more uniform grain.



Hard-fibers

Free from slivering and splintering

Resistant to point pressure without abrasion

Extreme durability

One material, three natural grades



First grade

Aesthetically pure wood.

First grade is hand selected to create more cosmetic symmetry.



Second and better grade

The most commonly specified flooring.

Second and better grade exhibits natural variations, consistent with hardwood flooring.



Third grade

Increased tonal variation.

Third grade has the same structural integrity with increased colour variations.

These 3 grades are available on all Connor Sports® hardwood systems

Hoops Factory - Aubervilliers (France)

QuickLock™ hardwood system - Second and better grade





KUBS

Connor Sports® Alliance™

“KUBS Basketball Club still love their Alliance™ floor, as it continues to provide the same superb performance benefits from its first use ten years ago. They’ve had no repairs or defects in that time and are anticipating another ten years plus of perfect performance... repairs to sprung wooden floors always cost substantial amounts and by their nature are usually only partially effective, so avoiding repairs represents a huge cost saving to the venue.”

Peter Herbert

Sales & Marketing Director, Tembec Europe Ltd.

KUBS Basketball Club in Dublin was formed in 2007 with a mission to achieve premier league status within 10 years. Having an excellent playing surface was therefore vital. Management from the club travelled to Denmark, Germany, the UK and the US to test performance levels of leading manufacturers systems. They concluded that Alliance™ Solid Maple by Connor Sports® provided the full range of superior long-life performance benefits required for their new facility. The KUBS Basketball Club would opt for some 800m² of the Connor Sports® Alliance™ Anchored Solid Maple System with the clubs vivid red logo included in the design.

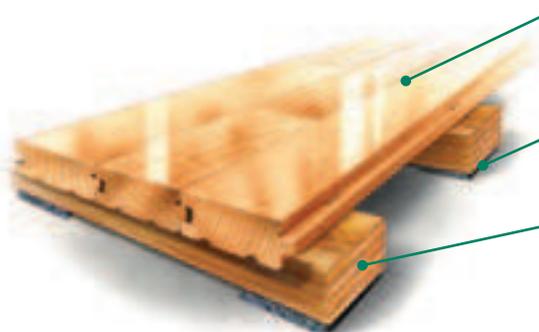
The KUBS installation in 2007 would fall to Dublin-based, Tembec Europe Ltd, whose roots are in the Canadian forestry sector and have been active as sports surfacing specialists since 1997. They draw on 40 plus years of experience of the North American Maple sports flooring industry to offer clients peerless quality and service.

Peter Herbert concludes “Overall the Connor Sports® Alliance™ system provides clients with the optimum return on investment, as it provides the highest performance specification possible with least risk of injury and at the lowest life cycle cost. As a company with experience of all manufacturer’s systems, this is the only wood sports floor system that Tembec Europe Ltd. warranty for twenty years.”

A complete range of hardwood systems

REZILLSLEEPER

Floating system



Flooring

North American Maple
Thickness 20mm / Width 57mm

Resilience

12mm Rezill pads

Subfloor construction

Plywood sleepers
Thickness: 24mm / length of each sleeper: 2.44m

Overall thickness: 56mm

A4 CATEGORY
EN 14904

- ✓ Good compromise between shock absorption and ball rebound
- ✓ Squash certification

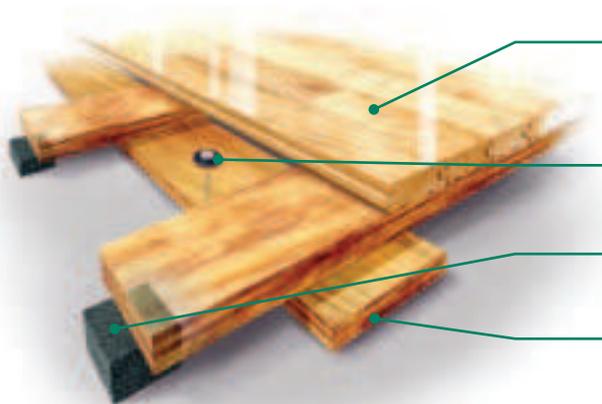
Ideal for multisport activities



Compatible with
underfloor heating

ALLIANCE™

Anchored system



Flooring

North American Maple
Thickness 20mm / Width 57mm

Anchorage

Steel pin with anti-squeak collar

Resilience

19mm Rezill pads

Subfloor construction

Double plywood pre-assembled sleepers
Panels of 2.44m x 1.22m

Overall thickness: 57mm

A4 CATEGORY
EN 14904

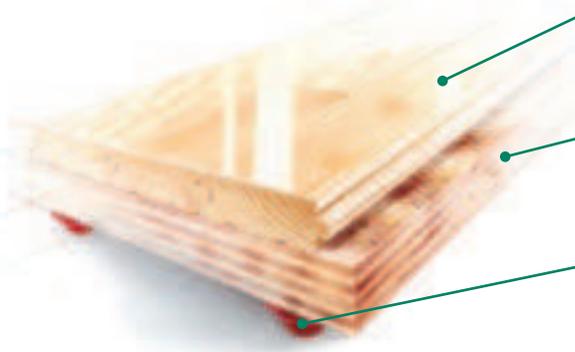
- ✓ Homogeneous performances throughout the floor
- ✓ High shock absorption and ball rebound
- ✓ Anti-vibration system for comfort of play

Ideal for high intensive sport activities

(in accordance with
EN 14904 requirements)

NEOSHOK™

Floating system



Flooring

North American Maple
Thickness 20mm / Width 57mm

Subfloor construction

Two layers of plywood panels
Thickness: 24mm / length: 2.44m / width: 1.25m

Resilience

19mm polyurethane Neoshok™ pads

Overall thickness: 63mm

A4 CATEGORY
EN 14904

- ✓ High resistance to impacts and heavy loads
- ✓ High level of shock absorption

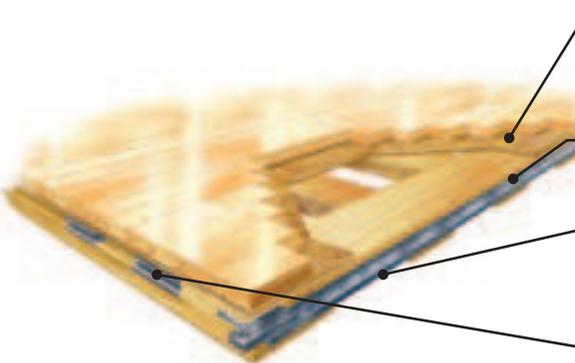
**Subfloor recommended
for multipurpose activities**



**Compatible with
underfloor heating**

QUICKLOCK™

Portable system



Flooring

North American Maple
Thickness 20mm / Width 57mm

Resilience

13mm Powershok pads

Subfloor construction

Full sleeper and panel subfloor framing
with laminated double sleepers

Locking system

Panels of 1.23m x 2.14m
– Weight: 80kgs

Overall thickness: 83mm



A3 CATEGORY
EN 14904

- ✓ Easy and fast installation and removal
- ✓ Customised solutions

**Ideal for temporary
use in arenas**

**Installation
of 1 basketball
court in** **3 hrs**





Canary Wharf

Connor Sports® Maple

“The facilities here at Third Space are fantastic. Being able to exercise on a floor that provides safety and comfort is a real treat.

It’s all about quality and durability and the Connor Sports® floor here is just superb in that it delivers a great surface to work out on every time.”

Third Space Member
London.

Third Space Canary Wharf, located in the heart of Canada Square, London is Europe’s largest luxury health club, offering state-of-the-art training facilities. Spread over 100,000 square feet and 3 floors of luxury training space, it’s a haven for all things health. From one of the highest indoor climbing walls in Europe to a 23m pool filled with natural light it’s a centre for fitness and sport second to none. When the concept of the Third Space was conceived out of an existing facility they would luckily inherit a range of top quality sports and fitness flooring products enabling their vision to be realised.

The Connor Sports® Solid Maple flooring that has been in place for over sixteen years was already delivering stunning looks, together with the highest standards of performance and safety. It was an inheritance that would suit Third Space perfectly. Third Space also boasts a full-sized basketball court adorned with some 1,000m² of Connor First Grade Solid Maple flooring, together with a cycle studio and fitness studios that also have Connor Solid Maple flooring installed. The Third Space fitness and sports facilities are used 24/7 and it’s a testament to the quality of the Connor Sports® products that the membership can enjoy their fitness activities to the full every day.





Technical data

Rezill Sleeper	Standard	Requirement	Unit	Results
Product Description				
Finish Flooring	-	-	-	Hardwood Maple Strip Flooring
Sub-Floor	-	-	-	Plywood sleepers 2.44 m x 7.62 cm x 2.46 cm
-	-	-	-	Rezill R4 pads: 5.08 cm x 5.08 cm x 1.27 cm and polyurethane bound compressed rubber fibers
Thickness	EN 428	-	mm	56
Weight	EN 430	-	kg/m ²	21
Sport Properties				
Shock absorption	EN 14808	≥ 25	%	56.2
Vertical deformation	EN 14809	≤ 5	mm	2.4
Sliding coefficient	EN 13036-4	80 to 110	-	83
Ball bounce	EN 12235	≥ 90	%	96
Technical Characteristics				
Abrasion resistance	EV ISO 5470-1	≤ 0.08	g	0.07
Impact resistance	EN 1517	≥ 8	-	No damage
Indentation resistance	EN 1516	≤ 0.5	-	No damage
Resistance to rolling load, 1500 N	EN 1569	-	-	✓
Classification				
Fire	EN 13501-1	-	-	Cfl-s1
Compatible with underfloor heating				
Declaration of Performance				
-	-	-	-	Fire Shock Absorption Sliding Coefficient Abrasion Resistance Resistance to rolling load Resistance to wear

Alliance™	Standard	Requirement	Unit	Results
Product Description				
Finish Flooring	-	-	-	Hardwood Maple Strip Flooring
Sub-Floor	-	-	-	Top sleeper (244 x 10 x 1.75 cm) Plywood Lower sleeper (122 x 10 x 1.14 cm) Plywood
-	-	-	-	1.91 x 5.08 x 5.08 cm Urethane bound granulated rubber bound compressed rubber fibers
Thickness	EN 428	-	mm	57
Weight	EN 430	-	kg/m ²	22
Sport Properties				
Shock absorption	EN 14808	≥ 25	%	58.9
Vertical deformation	EN 14809	≤ 5	mm	2.3
Sliding coefficient	EN 13036-4	80 to 110	-	83
Ball bounce	EN 12235	≥ 90	%	95.6
Technical Characteristics				
Abrasion resistance	EV ISO 5470-1	≤ 0.08	g	0.07
Impact resistance	EN 1517	≥ 8	-	No damage
Indentation resistance	EN 1516	≤ 0.5	-	No damage
Resistance to rolling load, 1500 N	EN 1569	-	-	✓
Classification				
Fire	EN 13501-1	-	-	Cfl-s1
Declaration of Performance				
-	-	-	-	Fire Shock Absorption Sliding Coefficient Abrasion Resistance Resistance to rolling load Resistance to wear

Neoshok™

	Standard	Requirement	Unit	Results
Product Description				
Finish Flooring	-	-	-	Hardwood Maple Strip Flooring
Sub-Floor	-	-	-	2 layers: 250 cm x 125 x 1.14 cm APA Plywood Sheeting Exposure 1
-	-	-	-	19 mm polyurethane pads
Thickness	EN 428	-	mm	63
Weight	EN 430	-	kg/m ²	28
Sport Properties				
Shock absorption	EN 14808	≥ 25	%	63.5
Vertical deformation	EN 14809	≤ 5	mm	2.8
Sliding coefficient	EN 13036-4	80 to 110	-	83
Ball bounce	EN 12235	≥ 90	%	92
Technical Characteristics				
Abrasion resistance	EV ISO 5470-1	≤ 0.08	g	0.07
Impact resistance	EN 1517	≥ 8	-	No damage
Indentation resistance	EN 1516	≤ 0.5	-	No damage
Resistance to rolling load, 1500 N	EN 1569	-	-	✓
Classification				
Fire	EN 13501-1	-	-	C _f -s1
Compatible with underfloor heating				
Declaration of Performance				
-	-	-	-	Fire Shock Absorption Sliding Coefficient Abrasion Resistance Resistance to rolling load Resistance to wear

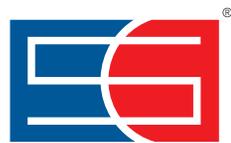
QuickLock™

	Standard	Requirement	Unit	Results
Product Description				
Finish Flooring	-	-	-	Hardwood Maple Strip Flooring
Sub-Floor	-	-	-	129.9 x 214 cm
-	-	-	-	QuickLock™ steel plate interlocks with high impact polyethylene grooves and heavy duty Steel tongue + full sleeper and panel subfloor framing with laminated double sleepers (19 x 89 mm)
Thickness	EN 428	-	mm	83
Weight	EN 430	-	kg/m ²	32
Sport Properties				
Shock absorption	EN 14808	≥ 25	%	51.7
Vertical deformation	EN 14809	≤ 5	mm	1.8
Sliding coefficient	EN 13036-4	80 to 110	-	83
Ball bounce	EN 12235	≥ 90	%	97.3
Technical Characteristics				
Abrasion resistance	EV ISO 5470-1	≤ 0.08	g	0.07
Impact resistance	EN 1517	≥ 8	-	No damage
Indentation resistance	EN 1516	≤ 0.5	-	No damage
Resistance to rolling load, 1500 N	EN 1569	-	-	✓
Classification				
Fire	EN 13501-1	-	-	C _f -s1
Declaration of Performance				
-	-	-	-	Fire Shock Absorption Sliding Coefficient Abrasion Resistance Resistance to rolling load Resistance to fire Resistance to wear

Make a

Move





**S P O R T
C O U R T**

Sport Court® modular outdoor sport surfaces are designed for multi-use, ideal for athletes and the community. Build a new court, renovate an existing space or set up portable courts for a tournament or event. Building champions for more than 40 years in more than 170 countries on all seven continents, Sport Court® builds high quality, safe courts designed to bring out your potential. Designed to overlay outdated concrete or asphalt surfaces, transforming them into colourful play surfaces in the blink of an eye.





Tennis on Tour with Judy Murray

Sport Court® PowerGame™

The tennis world has sometimes been criticised for not making the sport available to children from all backgrounds. It's a situation that Andy Murray's mother, Judy Murray is keen to change.

Judy Murray decided that she wanted to actively do something about tennis at the grass root level in Scotland. 'Tennis on the Road' was born and about to bring tennis to a whole new generation of kids. The programme would need the very best playing surface for the coaches and children to play on. The choice would be PowerGame™ from Sport Court®, a Gerflor owned company.

At Saracen Primary School in Glasgow they would benefit from playing on 11.4m x 6m of Sport Court® PowerGame™ outdoor tiles in Evergreen and Purple, which is of course a perfect match to the Wimbledon colours.

Designed for multi-sports

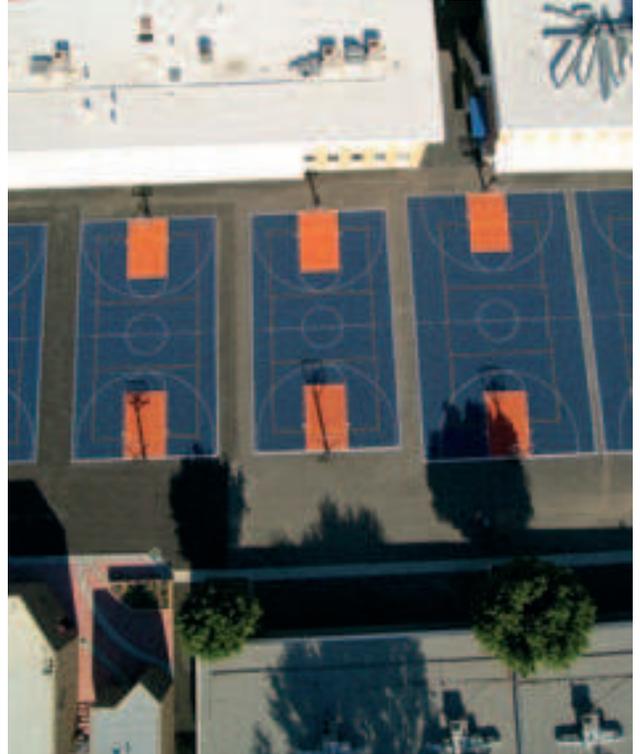
Sport Court® surfaces are multi-use and can be outfitted for all the sports your athletes play and for all the facilities in your community. Build a new court, retrofit an existing space, or set up portable courts for a tournament or event.

1 School facilities



Sport Court® is where teams form, friendships grow and champions start.

2 Multi-use games areas



3 Event-based courts



Quick and cost-effective renovation

Before



Sport Court® PowerGame™ surfaces are designed to overlay outdated concrete or asphalt surfaces, transforming them to colourful play surfaces in the blink of an eye.

Sport Court® floors do not require yearly, costly refinishing.

1,000 SqM
of court



4hrs
of installation



2hrs
of game line
marking

with a 4-person team

After



Feel 'the power' with Sport Court®

Being a world leader in any discipline isn't easy, particularly in sport. Providing the safest and best modular courts so that sports can be played on surfaces that are both physically appealing and safe is a huge challenge.

PowerGame™ from Sport Court® is the safest outdoor court in the world, featuring the lowest skin abrasion of any outdoor court surface and is made of the highest quality materials and UV stabilisers to protect the specifiers investment. It is a perfect fit for a host of performance sports including; badminton, tennis, basketball, netball and hockey.

The patented Double-Tier shock absorbing grid and Lateral Forgiveness™ reduces joint strain and fatigue to help participants play longer and more safely than ever. Available in 16 stunning colour choices the performance of PowerGame™ is also designed to deliver excellent ball bounce, a huge factor in both on-court response and enjoyment. After all, who wants to play a dull game?

Its modular system allows a quick and cost-effective transformation of an existing space.

Before



After



Before



After



Just before the tennis championships played at The All England Club, Wimbledon in 2016 the mother of global tennis star Andy Murray decided that she wanted to actively do something about tennis at the grass roots level in Scotland - 'Tennis on the Road' was born. This programme enabled Judy Murray to bring tennis to a whole new generation of kids. The programme would need the very best playing surface for the coaches and children to play on. Their choice was PowerGame™ from Sport Court®.



In a testament to improving kids' lives Sport Court® and Gerflor as companies are constantly looking for opportunities to create a better world. In the sports division, it manifests itself in creating safer places for children to unlock their potential and become champions of life. A strong partnership with the charity Beyond Sport™ looks set to enable this commitment to flourish. Beyond Sport™ are focused on using sport for social change and connecting NGOs and community organisations with groups who can help them make a difference.

The Beyond Sport Foundation is a unique registered charity and together with their expert partners they support inspirational people and projects that are using sport to make a resounding and powerful impact in some of the most disadvantaged and excluded populations from around the world, which includes working to build safe play places in communities. In London Sport Court® and Gerflor have worked with Beyond Sport™ and the Mayor's Office to identify applicants for a 'Court Award'. This meant seeking a community group who had a need for an updated space, but also who would require the programming and student engagement necessary to properly use the product. The award went to the Phoenix Community Housing project which falls under the responsibility of Lewisham Council in inner London.

Nick Keller, Founder and CEO, Beyond Sport™ commented, "London has many great organisations using sport to address key issues in communities who need safe places to deliver programming, and our partnership with Sport Court® made this happen in an area that needs it most", he went on to add "as a global organisation that holds events and supports projects in cities around the

world, we have been honoured to work with Sport Court® to ensure that the communities where we work have a sustainable legacy through sport. From Johannesburg to Philadelphia to Kigoma, we have partnered with Sport Court® for eight years, providing safe spaces for young people to play all over the globe."

The project is an outdoor community court that will be designed and built by the students on an existing concrete or asphalt court that is in desperate need of an upgrade. The court will be constructed out of Sport Court® PowerGame™ tiles and due to be completed this Spring. More athletic events are played on Sport Court® surfaces than on any other sports flooring in the world. Sport Court® is a registered trade mark of Connor Sport Court® International and is used to identify the original and authentic modular sport surfaces developed and continuously improved since they were introduced in 1974.



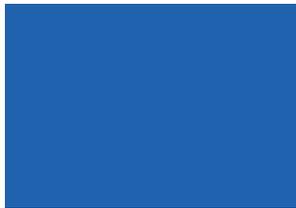


Available colours

Custom colours make the court uniquely yours



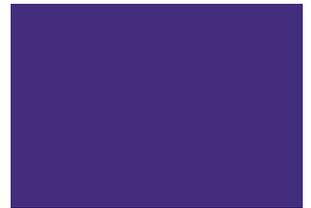
0033 - Steel Blue



0005 - Bright Blue



0009 - Dark Blue



0030 - Purple



0007 - Burgundy



0006 - Bright Red



0035 - Terracotta



0010 - Earth



0031 - Sand



0012 - Granite



0003 - Black



0036 - Titanium



0011 - Evergreen



0016 - Kiwi



0014 - Green



0018 - Mustard

Accessories

Polypropylene edges





Comfort & safety for children

The standardised head impact test [EN 1177] measures how far a child can fall before sustaining an injury.

PowerGame™ significantly improves the playing comfort in comparison to asphalt or concrete.

PowerGame™
Unparalleled safety for sports

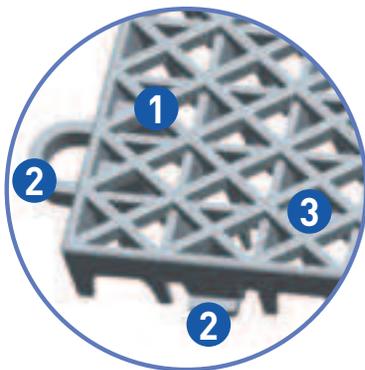
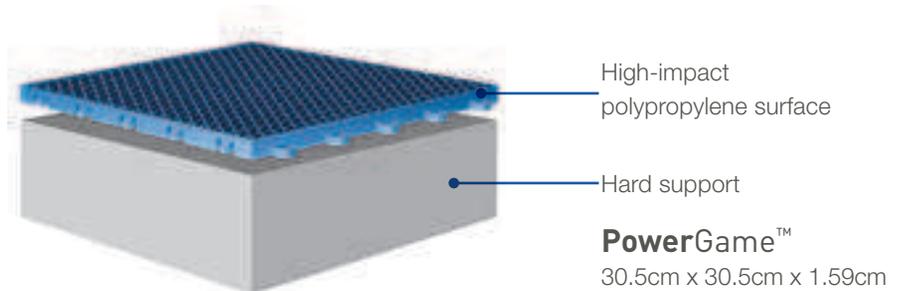


Engineered for athletes

Players develop their skills on a championship-tested surface that allows them to unleash their full potential. Sport Court® delivers an unmatched combination of shock absorption, ball response, traction, and playability.

Hard courts increase injury risk for athletes.

Sport Court® surfaces provide optimal comfort and protect athletes from overuse and stress injuries as well as reduce the likelihood of concussion and stress fractures.



1. **Double-tier** for increased shock absorption
2. **Patented interlocking system** designed to support the movements of athletes and reduce the risk of injury
3. **UV stabilisers** maximise colour-fastness
4. **Backing** designed to promote drainage





World's leading outdoor sport surface

In 1974, Sport Court® created the outdoor game court. Since then, over 150,000 courts have been installed worldwide.

Sport Court®'s superior outdoor play surface is designed to:

- Keep athletes safe
- Allow for year-round sports activity
- Eliminate costly annual maintenance



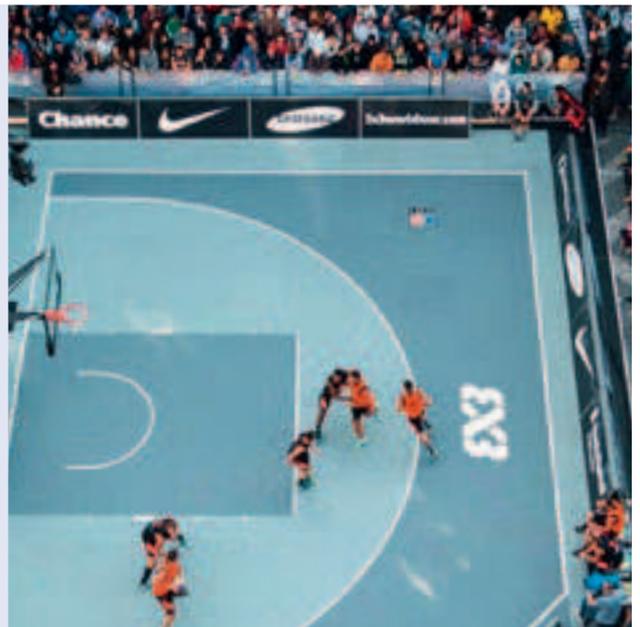
Partner of Sports Federation

Leading sport federations choose Sport Court® outdoor surfaces for the world's most demanding athletes.



As the Official Court of FIBA 3X3

Sport Court® enabled FIBA to popularise the sport.



Technical data

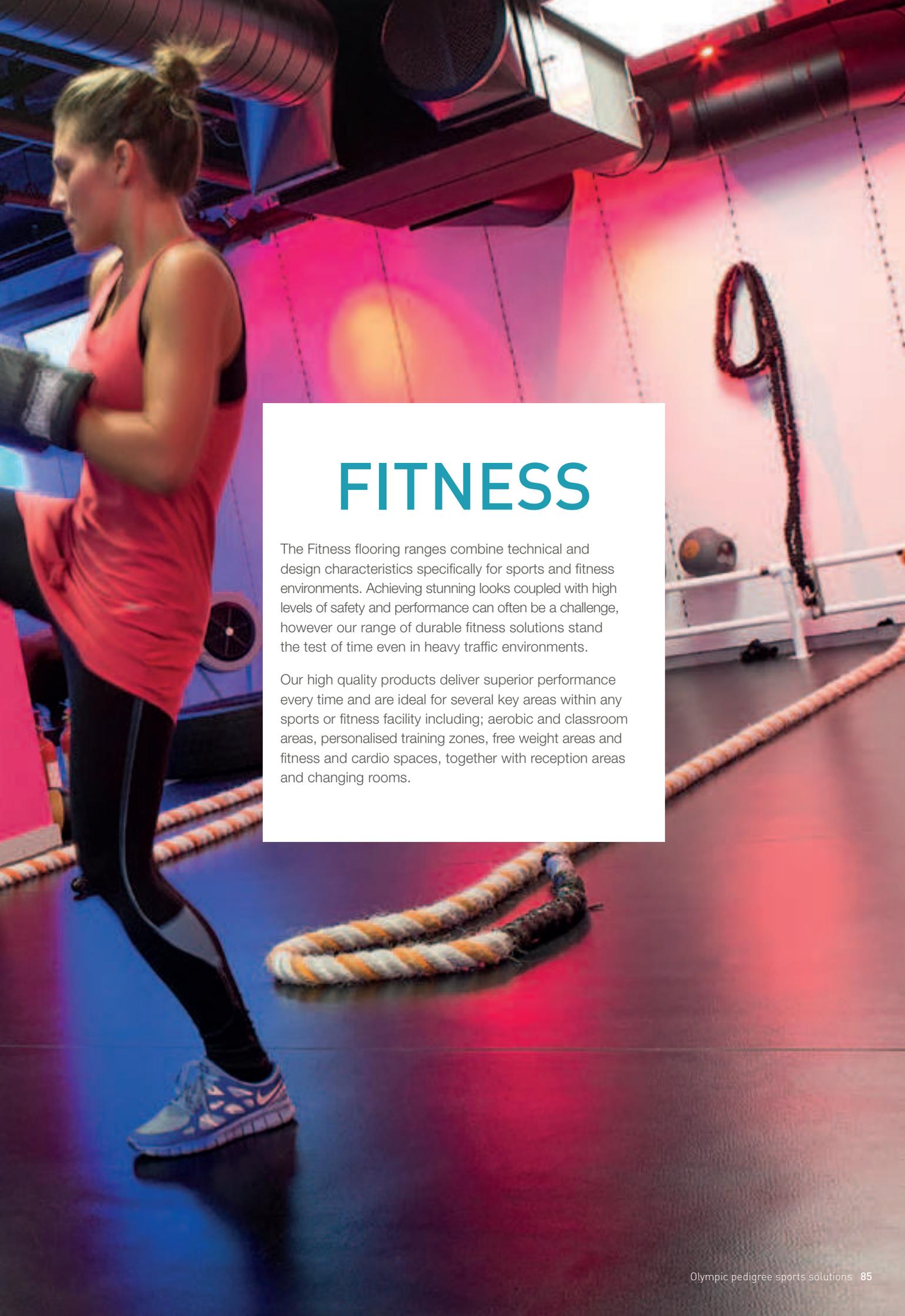
PowerGame™

PRODUCT DESCRIPTION		
Compatible product	-	Outdoor tiles - PowerGame™
Dimensions	cm	30.5 x 30.5
Thickness	cm	1.59 cm
Weight	g	350
Type of installation	-	Outdoor tiles
Packaging	Unit/box	40 tiles per box
Product codes	-	S307





Get physical



FITNESS

The Fitness flooring ranges combine technical and design characteristics specifically for sports and fitness environments. Achieving stunning looks coupled with high levels of safety and performance can often be a challenge, however our range of durable fitness solutions stand the test of time even in heavy traffic environments.

Our high quality products deliver superior performance every time and are ideal for several key areas within any sports or fitness facility including; aerobic and classroom areas, personalised training zones, free weight areas and fitness and cardio spaces, together with reception areas and changing rooms.



OUR CORNERS
ARE NOT
FOR
HIDING IN



Virgin Active

Taraflex® Sport M Evolution

“Gerflor came to us with a solution for our functional concept. Our requirement was a shock absorbent floor that offered not only protection to our members, but also a durable base... the result is fantastic and the feedback from our fitness professionals and members has been very positive. We are able to use this floor for group classes, personal training and individual use, thus creating a value for money area that our members really enjoy using.”

Talya Nicolay

Brand Manager, Virgin Active.

At the Virgin Active Health Club, 97 Aldersgate Street in the City of London, they don't do things by half measures. They believe in adding membership value all the way down the line. It's a philosophy that's made the brand what it is today. Ensuring that their highly valued members can enjoy every aspect of the clubs facilities including the exercise, the type of flooring is key in their overall offer to new and existing members and also any guests.

Looking for the very best solution for this highly prestigious health club, Virgin Active wanted a sports flooring product that would not only perform to the highest standards but would also look fantastic. Taraflex® Sport M Evolution would be the chosen product and the gym would need a total of some 324m² of this remarkable sports flooring.

A key area that Virgin Active were interested in were the bespoke Taraflex® designs which are available by either water cutting, HD printing or line marking. Virgin Active opted for Taraflex® in red with painted line marks. This was specified because of the protection it offers, the vibrant red colour and the effectiveness of applying line paint making it a safer, more exciting and defined environment for the clubs' members.

Benefits

Controlled expenditure

Controlling expenditure is essential in increasing the profitability of any fitness club. We offer you innovative solutions that can save you time, money and keep both your club managers and members happy!

If you have ever asked yourself any of the following, we can help you:

- 1 Do you want to stay open while you revamp your club or open faster once you have found the premises for your future club?
- 2 Do you want your club to last with fitness floors that are tough and durable?
- 3 Do you want your club to always look great with fitness floors that can be easily maintained and even repaired where necessary?

Durability



- Opting for a Gerflor flooring solution gives you peace of mind knowing you have **the best floor on the market** and that it will last for years.
- Be confident, unrivalled dimensional stability means **no shrinkage, no gaps, no fading of colours.**
- Fast track flooring innovations that are quick and easy to install on new or existing floors.

Save time and money on maintenance

With factory applied surface treatments this guarantees not only outstanding stain and dirt resistance but also incredible ease of maintenance, proven independently to reduce both the time and costs required to protect standard, resilient floorcoverings.

Maintenance



UV-cured polyurethane surface treatment

The original no-polish-for-life solution. This unique UV-cured polyurethane surface treatment protects the floorcovering and eliminates the need for costly emulsion dressings throughout the life of the product.



Polyurethane surface treatment

PUR+ surface treatment provides excellent cleaning characteristics and improved resistance to scratching. It significantly delays application of wax and provides excellent resistance to chemicals.



Polyurethane surface treatment

PUR surface treatment is a good foundation for routine maintenance and avoids the immediate use of an acrylic emulsion after installation.

Personalised fitness centre



Competition is always there and you need to stand out from the crowd

A personalised fitness centre is a step in the right direction.

When new members first visit your club, you want them to feel the wow factor. You like to ensure your existing members feel good when they come to work out. If you have ever asked yourself any of the following, we can help you:

- 1 Do you want to attract new members** via a strong brand identity that is reflected in your design?
- 2 Do you want to build loyalty to your club members to feel good** with an atmosphere that corresponds to them?
- 3 Do you want your club to look unique** with personalised colours, high definition digital printing and waterjet logos and floor workout zones?



Targeted solutions

We have a flooring solution for every area of your facility

Aerobic and Classroom Area
Rec 60 and Rec 45

Changing Room
Tarasafe Ultra H₂O

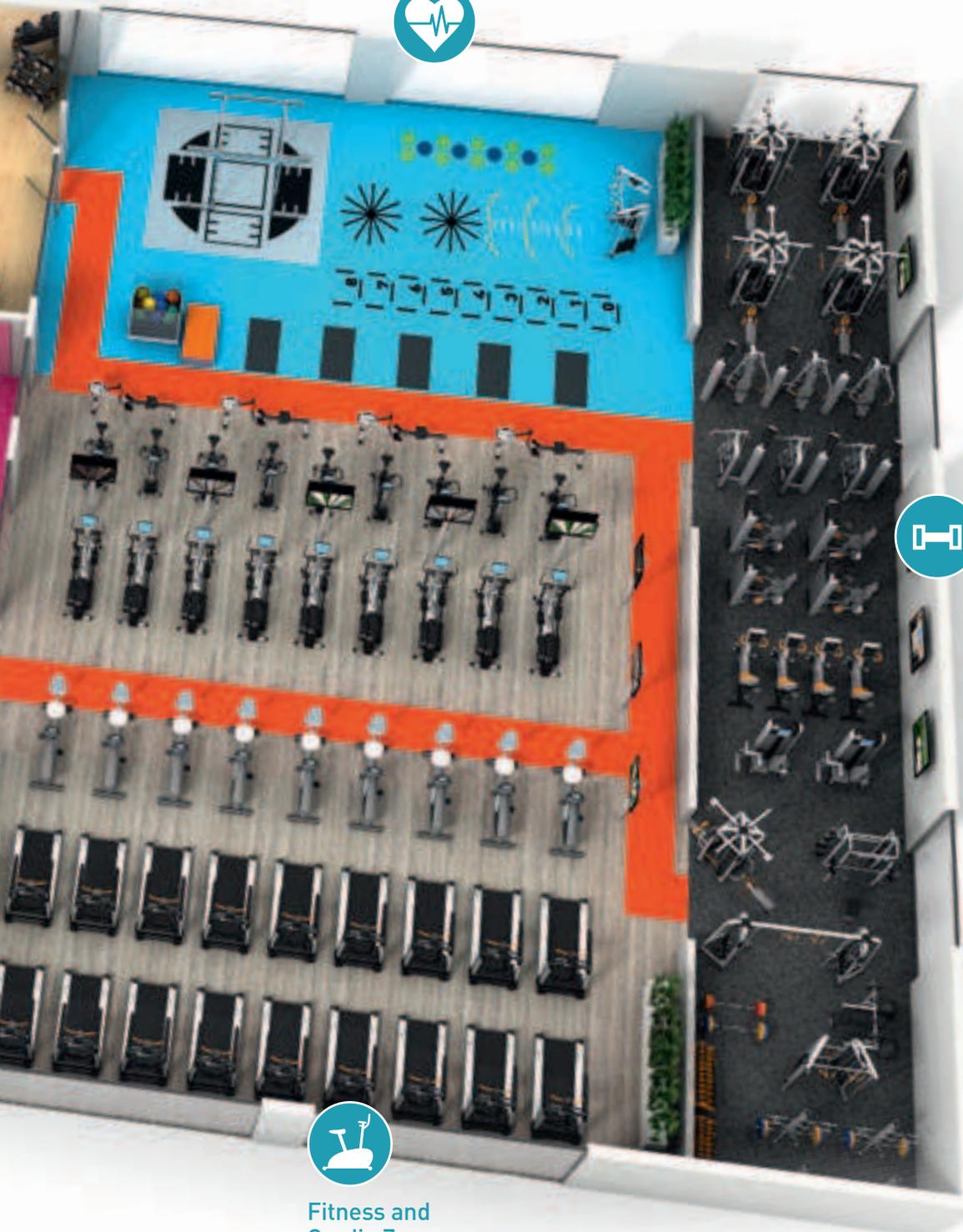


Reception Area
Creation LVT



**Personalised
Training Zone**

Taraflex® Sport M Evolution



**Free Weight and
Heavy Weight Area**

Powershock



**Fitness and
Cardio Zone**

Creation LVT
GTI Max

Whitehaven Sports Centre

Rec 45

“We chose Gerflor as our solution partner after recommendation from a supplier and visiting their website. They visited our site and recommended a suitable product which was well within our limited budget and gave us honest advice on what we would require for the type of activity we were suggesting. The colour scheme was really great and matched what we had planned and the option for additional line markings was a bonus. We are really happy with the floor and the room has been a great success within group exercise, personal training and for individual use. A great extension to the offering we already have at Whitehaven Sports Centre.”

Lynn Almond

Area Fitness Manager, North Country Leisure.

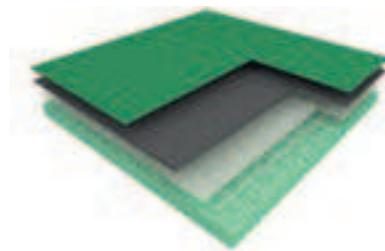


Aerobic and Classroom Areas

Get the best workout... and come back for more

Every club wants its members to get the best out of their fitness classes, the functional training session, their core workout, but you especially want your members to come back for more. The type of floor you choose for your facility is decisive in post exercise speed of recovery and key to how fast your

members get fit. If your members are sore and stiff from the previous days workout they'll often wait before coming back for more. People get fitter faster when they recover from the previous workout. Fitness levels improve when members recover and then work out again. Rec 60 and 45 are a popular choice as they have a safe cushioned surface, making them comfortable and quiet underfoot.



Rec 60 and Rec 45



6058 - American Oak



6062 - Canadian Maple



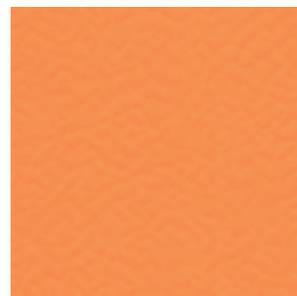
2402 - Azul



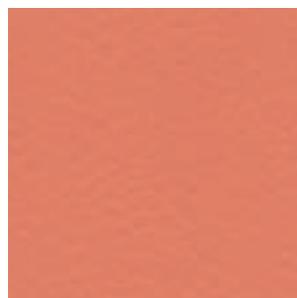
6614 - Oceano



6154 - Roja



6160 - Naranja



6157 - Rosa



6556 - Verde



6563 - Menta



2711 - Gris



The University of Huddersfield

Taraflex® Sport M Evolution

“Gerflor recently installed a bespoke flooring solution at our Sports Centre in order to provide protection underneath the functional rig. The floor was fitted in less than 5 hours and the team were efficient, friendly and professional. Members of the gym have been very impressed with the Taraflex® floor and have welcomed the flexibility that it provides. The Team Hud sports staff are also impressed and find the markings helpful when delivering functional training classes. I personally love the solution, so much so that we are planning to expand the flooring into other areas within our new Fitness Suite.”

Laurie Nettleton

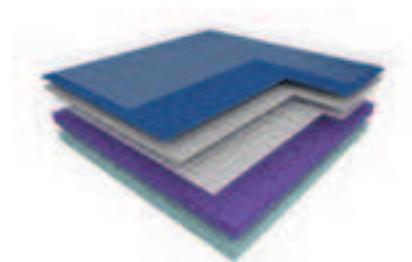
Sport and Leisure Centre Manager,
The University of Huddersfield.

Personalised Training Zones

Personal trainers will give the best workout ever...

One to one training with a personal coach is appealing but the cost can often be prohibitive for many of your club members. Group training classes are great but can sometimes be not specific enough to the requirements of each participant. We can customise the flooring to the requirements of your

coaching staff in order to carry out small group training. Tell us your plans and we'll turn your dreams into reality. The flooring Taraflex® Sport M Evolution is the same flooring used by international athletes for Olympic Games and World Championships. It is fully customisable and offers optimum resilience, comfort and protection to allow your coaches to give their very best workout.



Taraflex® Sport M Evolution



6350 - Light Cherry



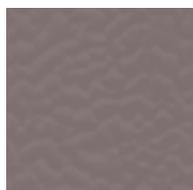
6381 - Maple



6375 - Oak



6830 - Black



3764 - Taupe



6873 - Anthracite



6758 - Silver Gray



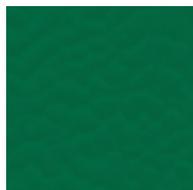
6211 - Gold



6347 - Beige



6570 - Mint Green



6557 - Forest



6559 - Spring



6431 - Teal



2404 - London Light Blue



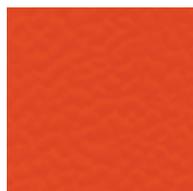
6445 - Lagoon



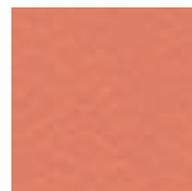
6430 - Blue



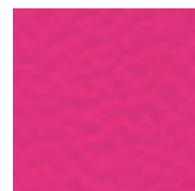
6180 - Red



6038 - Terracotta



6146 - Coral



6159 - Pink



ProFIT28 Gym

Powershock Fleck Rubber

“For the impact areas on the second floor and ground floor we specified Powershock fleck rubber. Simply put, you can't have wallpaper, granite and oil paintings in toilets and standard rubber in the training areas. It's all about quality. The finish of the flooring was smooth and not like any other product we could find on the market. The most difficult part of the process was deciding on the colour, texture, range and having the vision to work outside the norm to inject colour and quality into our facility.”

William Ramsay

CEO, ProFIT28 Fitness & Wellbeing Centre.



Free Weight and Heavy Weight Areas

Tough, strong...and sexy

There are flooring types that can resist the beating of the free-weight and weight lifting areas. There are floors that look great. There are floors that are made in formats that make them

quick to install, interchangeable and replaceable. There are floors that are easy to maintain. Take a look at our Powershock range – high impact rubber solutions for Fitness, designed to be both functional and hardwearing.

Powershock 60 & 100

(Interlocking system)



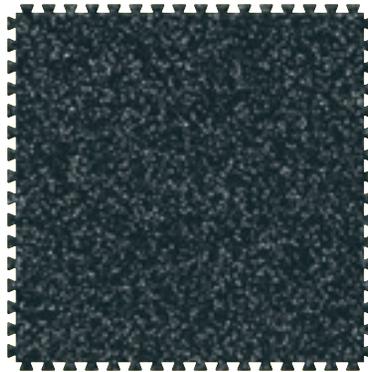
Stone Design - 0047 Dark Grey



Stone Design - 0040 Black



Fleck Design - 0047 Dark Grey



Fleck Design - 0039 Black

Powershock 300

(Tiles with pre-installed connector pins)



0001 Dark Grey

30 mm high impact rubber

Powershock 300 avoids deep-impact damage while providing outstanding sound deadening, as well as:

- Shock absorption
- Sound insulation 26 dB
- Protection of subfloor

Interlocking system:

ease of installation



Non-porous wear layer:

impermeable, odourless

Made from vulcanised rubber, a chemical process that cures and combines rubber and sulphur.

Through high pressure and temperature the sulphur atoms form links and bridges between long chains of rubber molecules. This increases the overall strength and durability of the rubber.

MAKING POWERSHOCK 60 & 100:

- More durable
- Easier to clean and maintain
- Up to 5 times more resistant to indentation than a standard rubber flooring

Connector pins:

ease of installation



The Gym Group

GTI Max

“Gerflor have provided flooring to all of our Gyms across the UK and we have been impressed by the performance given the intensive application in our 24 hour operation. We worked with Gerflor to identify how we could improve performance further and reduce installation times and after a successful pilot we switched to the Gerflor GTI Max product which does not require adhesive, can be laid on a damp floor and is more forgiving on rough surface finish.”

David Melhuish

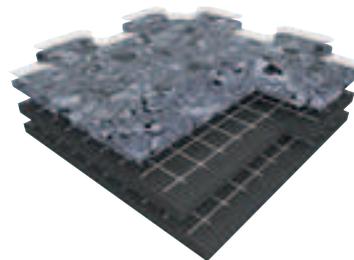
Head of Property Development, The Gym Group.

Fitness and Cardio Zones

Always great looking...

The cardio area of most clubs is often the biggest and most visible area of the club. You have invested heavily in getting the best CV equipment possible, the last thing you need is a floor that cannot stand up to loading or small movements of the machines. If areas do become damaged, you need to

be able to replace areas easily with minimum disruption to your members. Your equipment needs to always look great, both machines and the floors. The GTI Max vinyl tile range is the ultimate flooring for heavy traffic environments and is extremely hardwearing and easy to install, great for you as there is no need to close the premises saving you time and money.



GTI Max



0230 - Blue



0231 - Yellow



0232 - Red



0233 - Green



0234 - Clear Grey



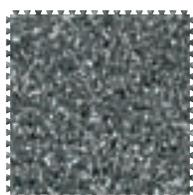
0235 - Dark Grey



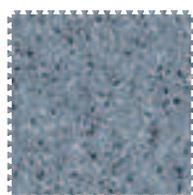
0236 - Black



0247 - Magma



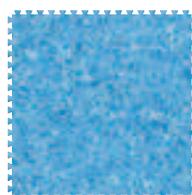
0249 - Carbon



0252 - Titanium



0253 - Aluminium



0255 - Saphir



0259 - Grecale



0260 - Ora



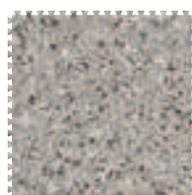
0261 - Scirocco



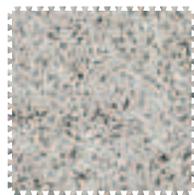
0262 - Libeccio



0263 - Bora



0264 - Ponente



0265 - Maestrale



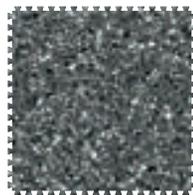
0266 - Peler



0267 - Levante



0268 - Ermellino



1249 - Tramontana

Our Creation LVT ranges are also perfect for Fitness and Cardio Zones. Please see page 101.

ProFIT28 Gym

Creation LVT

“We chose Gerflor products because they delivered the best aesthetic impact and longer maintenance free life, this would provide a good return on our investment... for the reception area we specified 100m² of Gerflors highly innovative Red Dot award-winning Creation 70 LVT flooring. The quality and finish of this product matched the overall high standards achieved in our facility.”

William Ramsay

CEO, ProFIT28 Fitness & Wellbeing Centre.

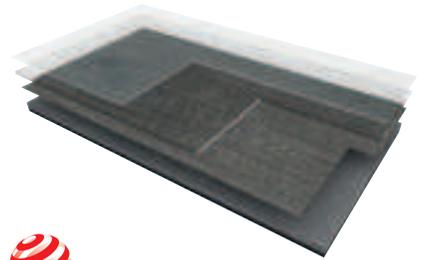


Reception Areas

Welcome to our club, enjoy your visit!

This is the place where first impressions are created and where first impressions become lasting impressions. It's the showpiece of your gym. It sets the tone. It says everything about the type of club you are and what your customers mean to you. If you want your members, or

future members, to always have a wow-factor as they enter your facility and if you want them to then feel at home and want to stay... we can help. Choose from a broad variety of designs in Creation 70 LVT or Creation 55 LVT to welcome your members the way they deserve. Truly inspiring and hardworking flooring for endless design possibilities.



reddot award 2016
winner

Creation 70



0324 - Silversands



0260 - Classic Oak



0360 - Deep Forest



0337 - Victoria Oak



0547 - Duchess



0541 - Flamingo



0358 - Moon Island



0357 - Portobello



0540 - Black Creek



0414 - Travertin Stone



0087 - Dock Taupe



0522 - East Village



0525 - Atok



0085 - Dock Grey



0394 - Welsh Slate

Creation 55



0448 - Malua Bay



0455 - Long Board



0445 - Rustic Oak



0464 - Picadilly



0456 - Ranch



0426 - Vintage Oak



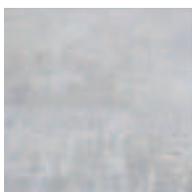
0465 - Cambridge



0061 - Oxford



0583 - Deep Oak



0045 - Moma



0966 - Lava Light



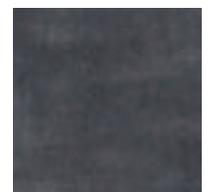
0476 - Staccato



0436 - Riverside



0620 - Preston



0374 - Parker Station

Lochee Swim & Sports Centre

Tarasafe Ultra H₂O

“We met with the Gerflor team on more than one occasion with regards to Lochee and found them hugely helpful and responsive. In fact, they were on the end of the telephone anytime we needed them. We use Gerflor products a lot and would have absolutely no qualms in ordering their products again. In our line of work, it's all about supplying quality and that's exactly what Gerflor provide.”

Chris Long

Managing Director, Longs Flooring Ltd.

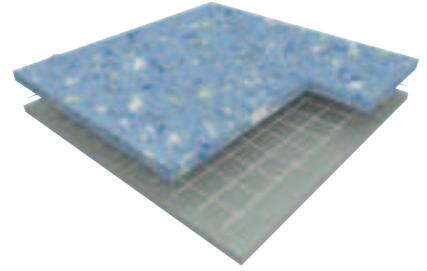


Changing Rooms

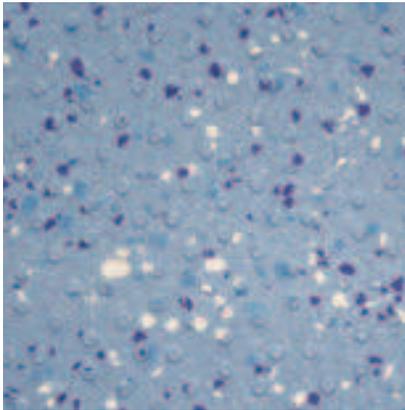
A great workout starts and finishes here!

Changing rooms and showers are, as you would imagine, wet areas. Wet for certain floors can be synonymous with slip hazard. For this reason, it is crucial to choose a floor that offers good slip resistance even when wet. It's even better if you can offer flooring that's in

perfect harmony with your club's image. You have come to the right place. The Tarasafe Ultra H₂O vinyl safety flooring range offers great choice, colours and designs to prepare for that great workout and also to help your members to wind down once it's all over. Hygienic and high performance safety flooring perfect for both barefoot and shod use whilst meeting HSE +36 guidelines.



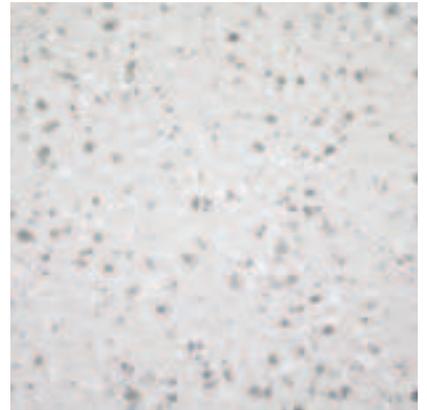
Tarasafe Ultra H₂O



7413 - Ocean Blue



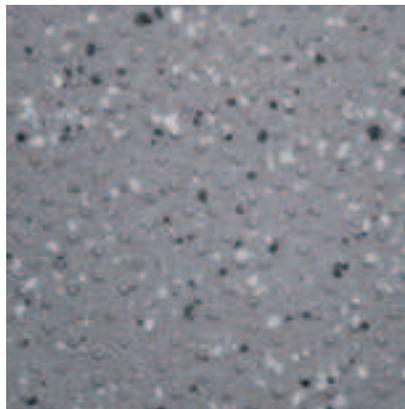
7325 - Seashore



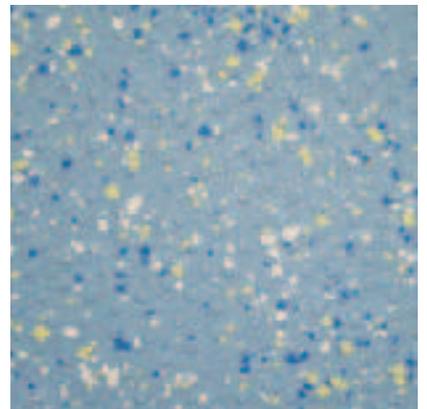
7720 - Iceberg



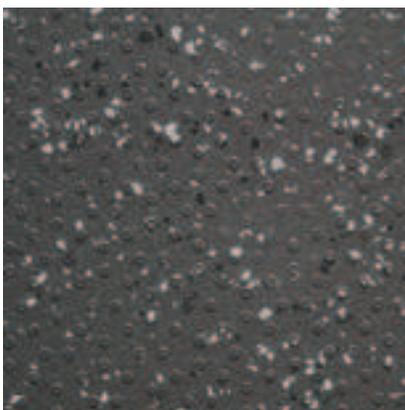
7314 - Sand



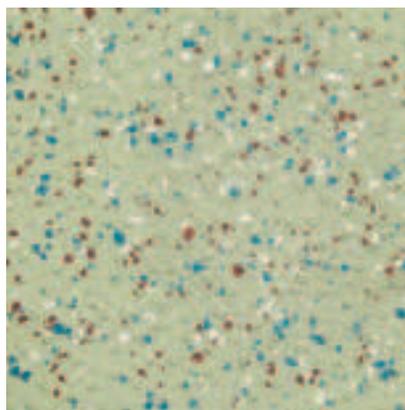
7746 - Stone



7418 - Marine



7732 - Gravel



7513 - Seagrass



Technical data

PRODUCT DESCRIPTION	Standard	Requirement	Unit	RECREATION		TARAFLEX® SPORTS FLOORING
				Rec 60	Rec 45	Taraflex® Sport M Evolution
Surface treatment	-	-	-	PUR Protect®	PUR Protect®	Triple Action Protocolsol®
Surface Complex	-	-	-	100% PVC	100% PVC	D-Max
Foam	-	-	-	Closed cell foam	Closed cell foam	CXP HD
Thickness	EN 428	-	mm	6	4.5	7
Weight	EN 430	-	kg/m ²	3.7	2.6	4.6
Length ⁽¹⁾	EN 426	-	lm	20.5 Standard	20.5 Standard	26.4 max
Width	EN 426	-	lm	1.5	1.5	1.5
Impact Protection Index	AC- P90-205	-	%	-	-	73
SPORT PROPERTIES						
Shock absorption	EN 14808	≥ 25	%	P1	≤ 25	P1
Vertical deformation	EN 14809	≤ 3.5	mm	≤ 3.5	≤ 3.5	≤ 2
Energy return	NF P 90 203	≥ 0.31	m/s	≥ 0.31	≥ 0.31	≥ 0.31
Sliding coefficient	EN 13036-4	80 to 110	-	80 - 110	80 - 110	80 - 110
Ball bounce	EN 12235	≥ 90	%	≥ 90	≥ 90	≥ 90
TECHNICAL CHARACTERISTICS						
Abrasion resistance	EN ISO 5470-1	≤ 1000	mg	≤ 350	≤ 350	≤ 350
Impact resistance	EN 1517	≥ 8	N/m	≥ 8	≥ 8	≥ 8
Indentation resistance	EN 1516	≤ 0.5	mm	≤ 0.5	≤ 0.5	≤ 0.5
CLASSIFICATION						
Fire	EN 13501-1	-	-			
Anti-bacterial activity (E. coli - S. aureus - MRSA) ⁽²⁾	ISO 22196	-	-	> 99% inhibits growth		> 99% inhibits growth
CE MARKING						
	En 14904	-	-	Fire Shock Absorption Sliding Coefficient Abrasion Resistance Resistance to rolling load		Fire Shock Absorption Sliding Coefficient Abrasion Resistance Rolling Load Resistance

The proposed specifications fall within the tolerance limits usually accepted in this sector whilst still complying with standards

(1) For different roll lengths, please contact us

(2) The implementation of an effective cleaning method is the best defence against infection

PRODUCT DESCRIPTION	Standard	Unit	POWERSHOCK		
			60	100	300
Thickness	NF EN ISO 24346	mm	6	10	30
Weight	NF EN ISO 23997	Kg/m ²	7	11.8	27
Size	NF EN ISO 24342	mm	1021 x 1021	1021 x 1021	500 x 500
CLASSIFICATION					
Fire resistance	EN 13501-1	class	Dfl,s2	Dfl,s2	Cfl,s1
Slip resistance	DIN 51130	class	R9	R9	R9
PERFORMANCE					
Dimensional stability	NF EN ISO 23999	%	<0.1	<0.1	<0.1
Curling	NF EN ISO 23999	mm	0	0	0.5
Abrasion	EN ISO 5470-1	g	<1	<1	1.5
Light resistance	EN ISO 20105 - A02	degree	3	3	3
Indentation resistance 50kgs/5cm ²	EN 1516	mm	0.02	0.03	0.12
Slip resistance in dry conditions	EN 13036-4	unit	87	84	104
Sound insulation	EN ISO 717/2	dB	17	19	26
Tensile strength	EN ISO 1798	MPa	2.5	2.5	0.7
Elongation at break	EN ISO 1798	%	220	240	70
Hardness shore A	Int.	-	68	68	60
Shock absorption	EN14808	%	10	14	49

Technical data

PRODUCT DESCRIPTION	Standard	Unit	FAST TRACK LOOSELAY TILE	
			GTI Max	
Total thickness	EN 428	mm	6.00	
Wear layer thickness	EN 429	mm	2	
Weight	EN 430	g/m ²	9365	
Tile Size	EN 427	mm	635 x 635	
Width of sheet	EN 426	cm	-	
Length of sheet	EN 426	lm	-	
CLASSIFICATION				
Product specification	-	-	EN 649	
European classification	EN 685	class	34 - 43	
Fire rating	EN 13 501-1	class	Bfl-s1	
Static electrical propensity	EN 1815	kV	<2	
Slip resistance wet: ramp test with oil	DIN 51130	class	R10	
Slip resistance: Pendulum Test (dry & wet)	BS 7976-2	PTV	-	
Slip resistance wet: bare foot	DIN 51 097	class	-	
Pendulum test	BS7976	-	HSE 36 compliant Béton emboss References: Ermellino - Ora - Bora - Libeccio - - Grecale - Scirocco - Tramontana	NO Rice Emboss References: Red - Blue - Green - Yellow - Black - Clear Grey - Dark Grey - Carbon - Magma - Saphir - Aluminium - Titanium - Peler - Levante - Ponente - Maestrale
PERFORMANCE				
Wear resistance	EN 660.2	mm ³	≤ 2	
Wear group	NF 189	group	T	
Type Binder content	EN ISO 10582	type	I	
Dimensional stability	EN 434	%	≤ 0.15	
Residual indentation	EN 433		≤ 0.10	
Impact sound insulation	EN ISO 717-	dB	-	
Room Impact	NF S 31074	dB	-	
Castor chair test (type W)	EN 425	-	OK	
Shore hardness	EN ISO 868	Ho	≥ 55	
Shifting resistance	CAHIER CSTB 3562	N/mm ²	≥ 30	
Thermal conductivity	EN 12524	W/(m.k)	0.25	
Colour fastness	EN 20 105 - B02	degree	≥ 6	
Surface treatment	-	-	PUR+	
Chemical products resistance	EN 423	-	OK	
TVOC after 28 days	ISO 16000-6	µg/ m ³	<100	
Certification	-	-	Floorscore®	
CE MARKING				
	EN 14041	-		

LUXURY VINYL TILE		WETROOM FLOORING
Creation 70	Creation 55	Taraflex® Ultra H ₂ O
2.50	2.50	2.00
0.70	0.55	1.00
4395	4410	2400
45.7x91.4 / 45.7x45.7 / 61x61 / 30.5x61 / 18.4x137.1 / 18.4x121.9 / 15.2x91.4 / 22.8x91.4 Creation Mix : 15.2x91.4 / 22.8x91.4 / 7.6x91.4	45.7x91.4 / 61x61 / 30.5x61 / 18.4x137.1 / 18.4x121.9 / 15.2x91.4 Mix : 15.2x91.4 / 22.8x91.4 / 7.6x91.4	-
-	-	200
-	-	20
EN 649	EN 649	EN 649
34 - 43	33 - 42	34 - 43
Bfl-s1	Bfl-s1	Cfl-s1
<2	<2	< 2
R9-R10-R11*	R9-R10-R11*	R11
-	-	> 36
-	-	C
-	-	-
≤ 2.0	≤ 2.0	≤ 4
T	T	P
I	I	I
≤ 0.15	≤ 0.15	≤ 0.40
≤ 0.10	≤ 0.10	≤ 0.10
4	4	-
76	76	-
OK	OK	OK
-	-	-
-	-	-
0.25	0.25	0.25
≥ 6	≥ 6	≥ 6
PUR+	PUR+	-
OK	OK	OK
< 100	< 100	< 100
Floorscore®	Floorscore®	-
  		

Taraflex® cleaning and maintenance



Dry sweeping equipment



Mechanical cleaning equipment
Auto scrubber, rotocleaner or single-brush machine



Mechanical cleaning disk
3M (or equivalent) colour disks

	<i>Maintenance rating</i>	<i>Equipment used</i>	<i>Cleaning products</i>	<i>Cleaning methods</i>
First use Mechanical cleaning	-	   or  if soiled	Neutral detergent or alkaline detergent if soiled	<ul style="list-style-type: none"> ■ Sweeping with scissor mop ■ Mechanical washing at 300-450 rpm (with water recovery)
Daily cleaning Manual cleaning	1x per day		-	<ul style="list-style-type: none"> ■ Sweeping with scissor mop
Weekly cleaning Mechanical cleaning if manual daily cleaning	2x/week (1x for small halls)	   or  light green	Neutral detergent or alkaline detergent if soiled	<ul style="list-style-type: none"> ■ Sweeping with scissor mop ■ Mechanical washing at 300-450 rpm (with water recovery)
Deep cleaning Mechanical cleaning	Every school break (or every 2 months)	   or  light green	Special detergent for scuffing	<ul style="list-style-type: none"> ■ Sweeping with scissor mop ■ Pour detergent over shoe scuffings ■ Wait 10 minutes ■ Mechanical washing at 300-450 rpm (with water recovery)
Handball Mechanical cleaning	Every school break (or every 2 months)	   or  light green	Special detergent for resin	<ul style="list-style-type: none"> ■ Sweeping with scissor mop ■ Pour detergent over shoe scuffings ■ Wait 10 minutes ■ Mechanical washing at 300-450 rpm (with water recovery)

These cleaning instructions have to be adapted depending on traffic and location of the area.

In the case of **manual maintenance** and to offer you the best results in terms of hygiene and appearance, **Gerflor recommends that you use neutral and alkaline detergents with high wetting power** (complete spreading and cleaning of the entire floor surface).

Here is a non-exhaustive list of products recommended by the main manufacturers:

KIEHL: Profloor*, RS Nett**, Resinex
TANA / WERNER: Green care SR15*, Floor Cleaner S*, Clean Fresh*, Difotan*, Clean Extreme*, Innomat**

ECOLAB: Brial Clean S*
ANIOS: Deterg'anhos*
ROCHEX: Polystar*, Roctonic**
BUZIL: HC 43**
Dr. SCHUTZ: PU Reiniger**
DIVERSEY / SEALED AIR: Asset*

DREITURM: Multinetzer*, Goldreif (vert)*, Linorein**, D1 Neu**

*Neutral / **Alkaline

Precautions for use



- Never use abrasive disks or any procedure that risks damaging the surface treatment (abrasive products, solvents, etc.).
- Never use rubber caps (for chair legs or other furniture); instead, use PVC or Polyethylene caps.

Stain removal during works

Paint mark removal

- **Do not use abrasive cleaning equipment** (e.g. Scotch Brite, scouring pads, steel wool, etc.).
- **Use the solvent for the paint if known.** If the solvent is not known, start with solvents such as Essence C, White Spirit, etc. before trying stronger solvents such as Taraclean spray. If the stain proves hard to remove, do not persist.

- **Wipe and rinse the floor thoroughly after applying the solvent.**

On paint drips

A freeze spray will yield excellent results when paint has formed a drip on the material (freeze sprays can be bought from cleaning product manufacturers or in pharmacies).

On adhesive marks

- **Fresh acrylic adhesive marks (< 1 month)**

Apply a water-based solution with added cleaning product, leave to act and mechanically clean and rinse the floor.

- **Dried acrylic adhesive marks (> 1 month)**

Use Essence C or White Spirit. Wipe and rinse the floor thoroughly after applying the solvent.

- **Solvent adhesive marks**

Use strong solvents (such as Taraclean spray), but do not persist if the adhesive marks are difficult to remove (as may happen with solvent-resistant cross-linked adhesives).

Tips and advice for stain removal

Rust

Apply an anti-rust product or oxalic acid. Rinse thoroughly.

Food grease/paint/ballpoint pen/felt-tip pen/heavy grease (tar)

Apply a solvent such as Essence C or White Spirit. Rub with undiluted product and rinse with plenty of water.

Rubber marks/shoe marks

Apply an alkaline detergent (such as Dynatech Trophy) to shoe marks. Leave to act for 5 minutes. Rub.

Chewing-gum

Use a freeze spray to harden the chewing gum, and then remove it with a plastic spatula (freeze sprays can be bought from cleaning product manufacturers or in pharmacies).

Connor Sports® cleaning and maintenance

Important

Never

shut down the ventilating system in your facility for a prolonged period of time.

Never

use household cleaning products or procedures. They can be harmful to the floor finish and to the wood and may also leave floors sticky or slippery, and potentially harmful to athletes.

Never

clean your floor using scrubbing machinery or power scrubbers that use water under pressure. Water is your floor's worst enemy!

Never

attempt to modify or repair your sports floor without first consulting with your flooring contractor. Do not block or obstruct expansion spaces around the floors perimeter or adjacent to columns and inserts. Make adequate expansion provisions in flooring and subfloor before lagging fixtures, equipment or bleachers through the floor system into the concrete.

General care

Humidity and ventilation

Since all wood flooring will expand and contract as relative humidity varies, it is important to minimize extremes between low and high. Hardwood flooring is manufactured at moisture content most compatible with a 35%–50% relative humidity range.

Geographical regions and available mechanicals determine the typical range of temperature and humidity for each facility. Maintaining a 15% fluctuation between highest and lowest average indoor relative humidity provides limited shrinkage and growth.

Excessive separation and tightening

Separation between flooring boards commonly develops during winter low humidity, and flooring typically aligns generally tight during peak summer humidity conditions. While moderate shrinkage and expansion is normal, make use of available HVAC systems to prevent excessive tightening and shrinkage of flooring.

Keep water and grit off the floor surface

Protect your floors from tracking moisture and grit at exterior doorways by providing suitable floor mats, and check mats frequently to assure no moisture is trapped underneath. Correct all leaks immediately and protect your floor from excessive condensation moisture by properly insulating ductwork, interior drains, and downspouts. Any dampness within your building should be brought to the attention of your architect and engineers.

Daily care

Sweeping the floor

Sweep your floor daily with a dry dust mop. Floors with heavy use should be dust mopped up to three times a day.

For more thorough daily cleaning, an untreated dust mop may be sprayed with approved diluted (warm water) floor cleaner* especially compatible with gym floor finishes. Apply cleaning solution to dust mop and not directly to floor, and replace soiled dust mop covers as necessary. Do not allow cleaning residue to build up on the floor surface from excess treatment of dust mop.

Spillage/spots/stains

Wipe liquid spills and water from the floor immediately with a thoroughly wrung soft cloth or thoroughly wrung mop dampened with approved floor cleaner.

Remove chewing gum by applying crushed ice in a plastic bag until the gum becomes brittle enough to crumble off the floor surface. Clean remaining residue with cloth dampened with floor cleaner.

Remove aggressive marks (black marks, rubber burns) with cloth dampened with cleaner. Apply cleaners using a soft cloth, never a rough or textured cloth.

Floor loads

Significant point and/or area loads can affect the integrity of the wood floor surface and athletic subfloor components.

Point loads

Point loads refers to concentration of weight on a small area of the floor surface. Examples of high point loads include wheels that are crowned or tapered rather than those making full and flat contact, and wheels that include center ridges remaining from the molding process. Other examples of destructive point loads include shoe cleats, and table or chair legs with small contact points.

Area loads

Area loads refers to broad based loads that are less likely to compress wood fibers, but if significant are likely to damage flooring and/or subfloor components. Examples of excessive area loads include maintenance equipment such as hoists and lift vehicles.

Appropriate protection

Application of particular loads such as portable basketball goals and equipment storage carts can require additional wheels. Maintenance equipment such as hoists, lifts and outriggers can require acceptable protective material on the floor such as a layer(s) of sheeting and floor finish protection such as red rosin paper.

* Approved floor cleaner, such as "Poloplaz Hardwood Floor Cleaner", may be sourced through Poloplaz (800-421-7319) www.poloplaz.com.

* Your installing contractor or maintenance supplier may offer an alternate cleaning concentrate that can be diluted and used in the manner described, however it must be compatible with the gym finish and contain no oils, silicones or waxes.

Sport Court® cleaning and maintenance

Is PowerGame™ hard to maintain?

No, in fact it is one of the lowest maintenance sports court surfaces available in the world. It doesn't need weekly grooming and annual servicing like synthetic grass, and doesn't crack or need resurfacing every few years like an acrylic hard court. Its open surface allows debris to fall through, and moss or algae can't grow on it. In fact, pretty much all you need to do to clean it, is wait for the rain.

How do I maintain my Sport Court® outdoor game court?

This is simple and easy. A broom, blower, or hose can be used to keep the top surface free of debris. Water will drain quickly through the open grate, making sure your court is ready for play soon after cleaning or inclement weather.





Who are we?

Leadership in resilient flooring solutions

Gerflor is recognised as a specialist and a world leader in resilient flooring solutions. Gerflor group creates, manufactures and markets innovative, design-led and eco responsible solutions for flooring and complementary interior finishes. Already well-established in more than 100 countries, Gerflor is continuously developing its activities in new markets.

A multispecialist group

Gerflor's main strength builds on specialisation in four key competencies within the broader market:

- Architecture
- Decoration
- Sport
- Technospecific

What makes us unique and strong comes from combining these competencies.

A committed and experienced team

Our most valuable resource is our people. Their enthusiasm and commitment to our customers' success is our main asset. Gerflor's employees are an essential part of the Gerflor brand experience. They are driven by well-established and often noted core values that make them entrepreneurial, approachable and respectful, with a sense of partnership

A passion for customer success

Our brand is our promise and it grows through the positive experiences provided to stakeholders, particularly our customers and our employees around the world. We reaffirm that promise on a daily basis to anticipate and meet the specific needs of users, specifiers, installers and distributors wherever they may be. It also compels us to deliver total quality and competitiveness to ensure our customers' success in all their projects.

Our mission statement:

To create, manufacture and market innovative, design-led and eco-responsible solutions for flooring and complementary interior finishes.

To anticipate the specific needs of the users, specifiers, installers and distributors around the world.

To provide competitiveness and success for all our customers.

Further information



Environmentally responsible solutions

We set ourselves the highest standards when it comes to environmental quality. All Gerflor production sites are ISO 14001 certified. Beyond that we have developed our own environmental strategies and policies.

For example, we use life cycle analysis, which covers every aspect of environmental performance including raw materials, production, transportation, installation and the end-of-life of products. Our floorings are 100% recyclable and we use recycled materials across all product ranges.

Our new generation of loose-lay products reduces the use of adhesives and facilitates straightforward recycling. In addition, our products are easy to maintain throughout their life and qualify for credits under many internally accredited Green Building Schemes.

Dedicated service

Our dedicated customer service team is ready to respond to your sampling needs, stock and pricing enquiries.

Our expert sales teams, who specialise in your market areas, are available to assist with the detailed aspects of your product needs from price points to technical specification.

Our strategically located UK warehouse in Warwick is supported by a distributor network covering the entire country.

Free samples

Free samples of our products are readily available on request and we aim to process your order within 24 hours. Contact us now for samples to create mood boards or for larger samples for all your flooring needs.

Contact us

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Gerflor Ireland
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Visit: www.gerflor.ie

CI SfB			
	[43]	Tn6	

UK reference - August 2017



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gerflor.ie

ARCHITECTURE
DECORATION
SPORT
TECHNOSPECIFIC



Health
& Safety



ISO 14001



Recycling



LCA
Life Cycle
Analysis

Committed to sustainable development

Gerflor
theflooringgroup