

Gerflor



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WHERE CHAMPIONS PLAY





REVEAL YOUR TALENT

Taraflex® is the most widely specified indoor sports surface in the world. Chosen by top international athletes for its unique construction and its technical abilities.

From children to professional players
Taraflex® offers the very best protection
and safety together with providing supreme
levels of performance. Taraflex® has been
fitted at every Olympic Games since 1976
and is an approved surface by many National
and International governing bodies of sport
worldwide.





BUILT FOR CHAMPIONS



For over 150 years Connor Sports® has been the market leader in portable and permanent hardwood sports flooring systems providing unique levels of performance.



SHARE MORE THAN SPORT



Sport Court® PowerGame™ interlocking tiles are designed to overlay outdated concrete or asphalt surfaces, transforming them into colourful play surfaces.



CREATIVE BY NATURE



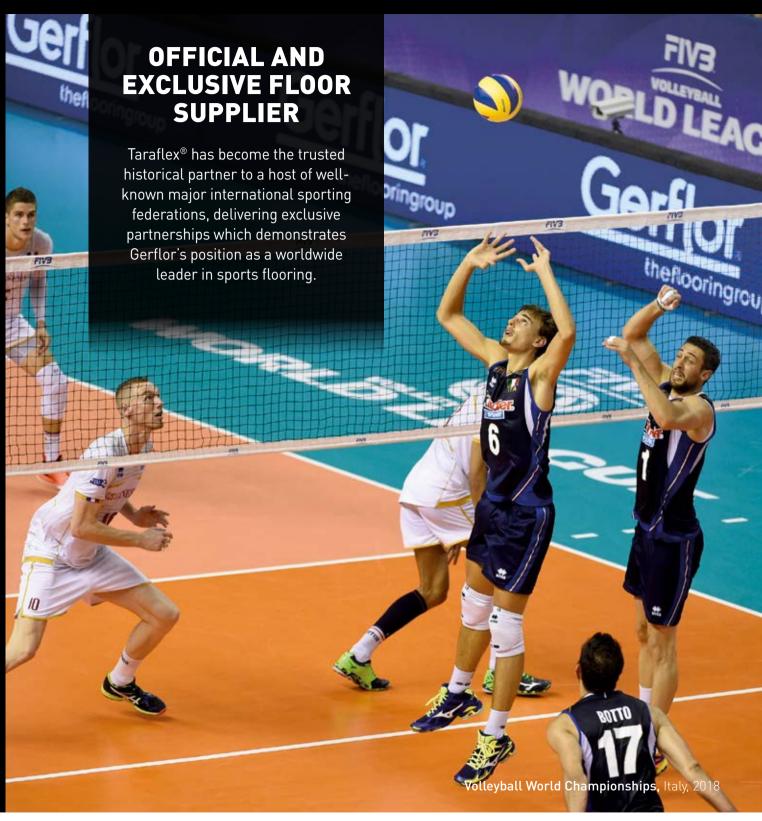
DLW linoleum floor coverings are highly functional and very environmentally friendly, manufactured from 100% natural and renewable materials.

PARTNER OF MAJOR EVENTS









.....Taraflex® exclusive supplier













·Taraflex® official supplier







WHY CHOOSE TARAFLEX®?

SUSTAINABILITY



Indoor air quality
Meeting ISO 16000 standards,
we have some of the lowest
VOC emissions on the market



Energy saving A colour selection with high light reflectance values assists with lighting energy saving



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



Proactive post manufacturing waste management

- Use of recycled content in product design
- PVC is 100% recyclable



A second life programme for post installation waste Re-use of post installation waste and redundant materials



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

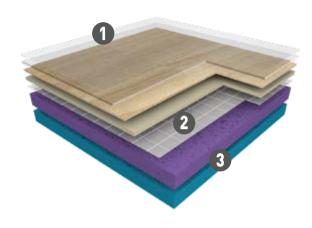
DURABILITY

- The assurance of long-lasting sport performances (shock absorption, slide and grip) all through the project lifetime
- No extensive refurbishment costs such as sanding and sealing
- Excellent resistance to impacts and loads from sport equipment and various types of furniture
- 12 year warranty on all Taraflex® floors



► PERFORMANCE, SAFETY AND PROTECTION

Taraflex® unique product construction ensures an excellent playability combined with the best levels of protection and safety.



Unique burn-free patented surface Protecsol®

- The best solution to maximise both slide and grip
- ▶ The safest surface on which friction heat build up is reduced by 25% when sliding
- ► A cost effective and easy solution to maintain flooring

Unique surface complex D-Max

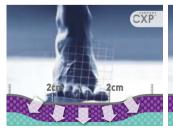
Made of calendered PVC sheets reinforced with a fiberglass grid:

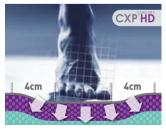
- ▶ Outstanding dimensional stability
- Extreme durability

3 Unique double density foam CXP HD

The deformation around the foot is two times larger than on a traditional floor:

- ▶ Optimised foot movement and sport performance
- ▶ Reduced injury risk







CHOOSING THE RIGHT SPORTS FLOOR

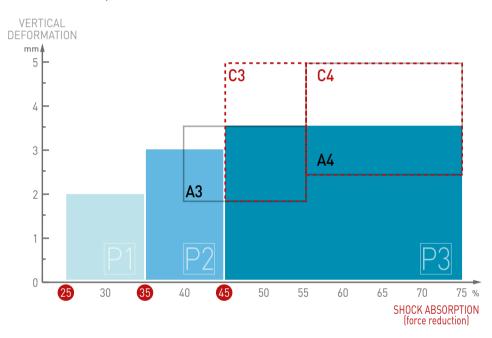
► EUROPEAN SPORTS FLOORING STANDARDS

Sports floors are classified into 3 categories:

- P Point-elastic floors such as Taraflex® sports floors.
- A Area-elastic floors such as sprung wooden floors.
- C Combined floors, providing a combination of point-elastic and area-elastic floor features.

The objective of the European sport standards EN 14904 is to draw attention to the necessity of installing safe, comfortable floors. The purpose of a sports floor is to minimise the force of impact on the body and reduce the risk of long-term injury. This property is called safety and is measured by shock absorption.

EN 14904 determines shock absorption classes for all floors. A floor needs to provide minimum 25% shock absorption to be considered a sports floor.



EN 14904 standard values:

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

► IPI : IMPACT PROTECTION INDEX

- Protection is the property of the floor that reduces immediate injuries when falling, diving, sliding on the floor for all users (children, adults, athletes...)
- Protection is not considered by EN 14904 but is an important criteria, as in many instances sports floors are used for educational purposes.
- Gerflor measures protection with the Impact Protection Index and defines 3 categories of protection :







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

High impact surface area, high IPI floors.



Choosing a sports floor requires a good understanding of the usage of the sports hall:

- Type of users: from children to high level athletes
- Type and variety of sports
- Type of sport equipment: tennis or volleyball posts, gym equipment, ...
- Use for activities other than sport: exams, concerts, requiring other specific equipment

MULTISPORTS APPLICATIONS

EDUCATION, CLUB & COMPETITION

TARAFLEX® **EVOLUTION**



The reference in sports flooring







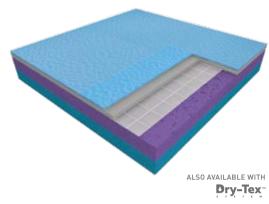


- ▶ P1 category (25 to 35% shock absorption)
- ► Excellent solution for a large variety of sports



TARAFLEX® PERFORMANCE

Best balance of sport performance and safety









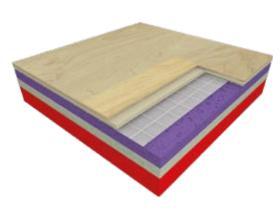


- ▶ P2 category (35 to 45% shock absorption)
- ► Provides excellent combination of protection and safety
- ► High sports performance



TARAFLEX® COMFORT

Maximum protection & safety





12.5 mm





- ► The first sports floor in the P3 category (over 45% shock absorption)
- ► Provides the best levels of safety and protection for a point elastic floor
- ► Suitable for sports and leisure activities where immediate protection is key





MULTI-PURPOSE APPLICATIONS

SPORT AND NON-SPORT ACTIVITIES

TARAFLEX® **MULTI-USE**

Very high resistance to loads





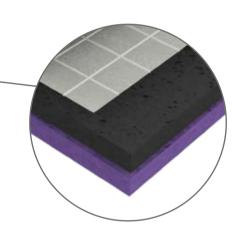


- ► A real sports floor in the P1 category (25 to 35% shock absorption)
- ► High resistance to loads and impacts and recovery from table and chairs
- ► Ideal for manoeuvrability of wheelchairs

Unique double density foam CXP HD +

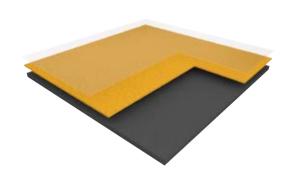
The high-density upper layer provides an outstanding compact foam:

- ► High resistance to static and rolling loads
- ► Excellent playability





TARAFLEX® SURFACE



2 mm

- ► Sport appearance with no shock absorption
- ▶ Meets EN 14904 when installed on sub-construction (A3/A4 category), then providing high levels of shock absorption and high resistance to heavy loads





A LARGE PALETTE OF COLOURS AND DESIGNS

COLOURS AVAILABLE WITH

TARAFLEX® SURFACE TARAFLEX® EVOLUTION

TARAFLEX® PERFORMANCE TARAFLEX® COMFORT



6381 - Maple Design / Y = 38.5





















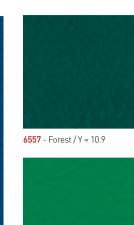




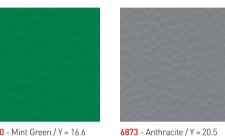


Gerflor

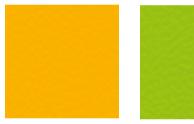


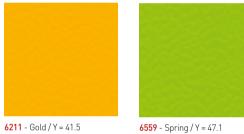






















A LARGE PALETTE OF COLOURS AND DESIGNS

COLOURS AVAILABLE WITH TARAFLEX® MULTI-USE









8069 - Wood Chocolate / Y = 9.4

4331 - Wood Natural / Y = 29.9

3708 - Wood Grey / Y = 34.2



UNIQUE DESIGNS



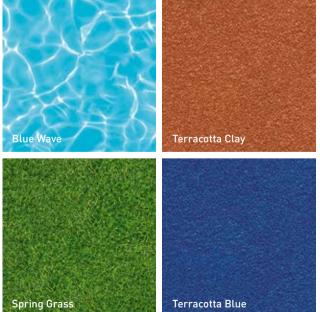
Personalise your sports floor using the digital printing process

- Change colour recolour the standard design of your choice
- Choose from collection choose one of our designs from our catalogue (examples shown below)
- Customise create your own design

Available with all Taraflex floors More designs available, visit our website: mytaraflex.gerflor.com Minimum Order Quantity : 240m² / special price / each request subject to individual study*



An explosion of colours and designs





URBAN

Factory style with brut colours and sobre designs



RETRONAUTE.

A modern atmosphere with distinct character





NATURE LAND

Return to basics and simplicity with natural designs

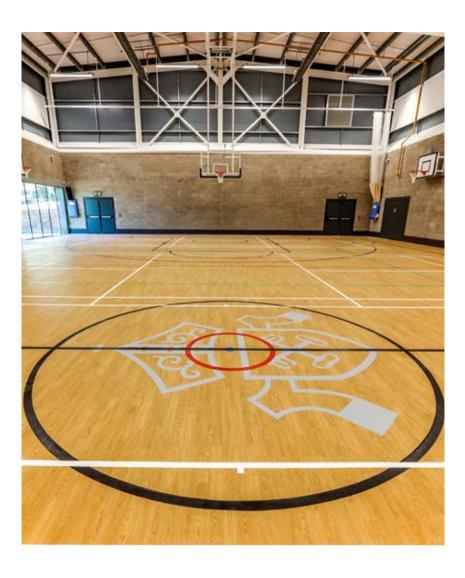


CUSTOMISATION SERVICES

MY LOGO

Create your own logo thanks to waterjet cutting technology

- Send us the drawing of your logo in a .dwg or .pdf format
- We will design your logo to insert into your Taraflex® Sports Flooring





SOFTWARE SERVICES

3D COURT DESIGNER

for a 3D visualisation of your project

- ► Choose your surface: monosport or multisports
- ► Choose your colours
- ▶ Visualise your sport hall

Available on: courtdesigner.gerflor.com



INTERIOR DESIGNER

for a realistic view of your environmment

- ▶ Download your picture and include the floor
- ► Or change the floor colours in selected pictures

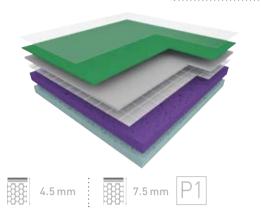
Available on: interiordesigner.gerflor.com

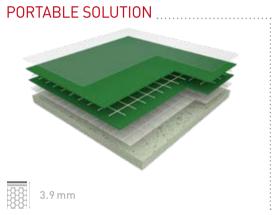


RACKET SPORTS

TARAFLEX® **BADMINTON**

PERMANENT SOLUTION







PERMANENT SOLUTION 6570 Mint Green



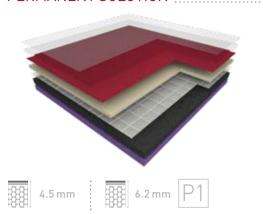
PORTABLE SOLUTION 6570 Mint Green

▶ The ultimate floor for badminton

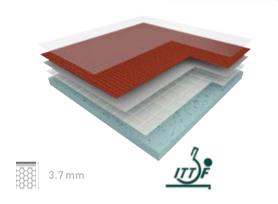


TARAFLEX® TABLE TENNIS

PERMANENT SOLUTION



PORTABLE SOLUTION





PERMANENT SOLUTION



PORTABLE SOLUTION

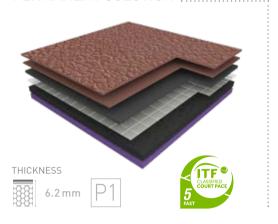
▶ Developed in partnership with the International Table Tennis federation (ITTF)





TARAFLEX® **TENNIS**

PERMANENT SOLUTION













▶ The ideal and safest tennis

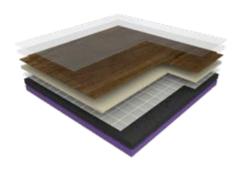
surface for all players



DISABILITY AND ROLLING SPORTS

TARAFLEX® **MULTI-USE**

Perfect floor for disability sports



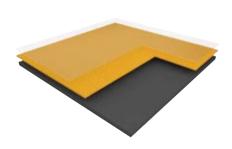
- ► A real sports floor in the P1 category
- ► Low vertical deformation makes it ideal for manoeuvrability of wheelchairs
- ▶ Ideal combination of protection and sports performance





TARAFLEX® **SURFACE**

Ideal floor for rolling sports



- ► Meets EN 14904 when installed on subconstruction (A3/A4 category)
- ► Ideal for rolling sports and heavy-duty multipurpose usage

THICKNESS

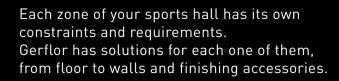


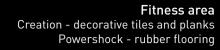




COMPLETE SOLUTIONS





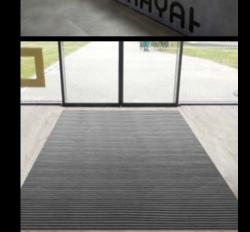








Offices
Creation - decorative tiles and planks
Taralay Impression - decorative rolls



PROTECT YOUR FLOOR

BATECO PROTECTIVE LAYER

TARAFLEX® **BATECO**

Removable protective surface



► Made from 100% post manufacturing recycled waste

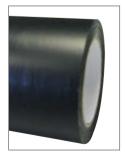
Specially designed to prevent marking by chairs, tables and heels on sports floors

► Roll Size: 30lm x 1.5m

► Thickness: 1.5mm

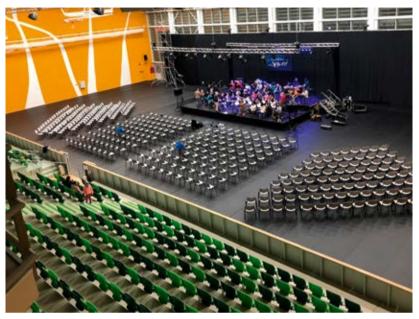
- ► Edge to edge installation
- ► Strips can be secured with single-sided adhesive tape

SINGLE-SIDED TAPE AT7 & UNROLLER





- ▶ 100mm width, black
- ► Bonds without leaving marks, non migrating



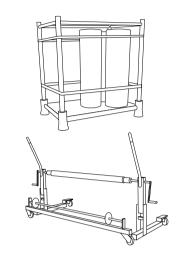


► STORAGE EQUIPMENT

Storage equipment helps you with transport, storage, installation and uninstallation of your protective layer or sport floor.

DESCRIPTION	USE
NAIROD PALLET	For transportation and storage of mobile court (160 x 120 x 180)

DESCRIPTION	USE				
SERVING TROLLEY Portable floors	To wind and unwind Bateco				
SERVING TROLLEY Bateco	or portable floors				

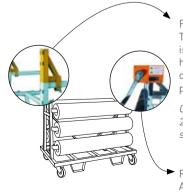


USE
For BATECO storage
For portable floors
For BATECO storage
For portable floors
For BATECO storage
For portable floors
For BATECO storage



ACCESSORIES

DESCRIPTION	USE
GUIDING POLE	Fixed at the front of the storage rack to easily wind and unwind Bateco or portable floors
MOTORISED UNWINDING KIT	Motorised system to easily wind and unwind Bateco or sports floors
HOLDING STRAP	Holding strap to prevent roll unwinding



FRAME EXTENSION PAIR: The frame extension pair is only to support the roll holst. It enables the lifting of rolls to the highest position on roll stands.

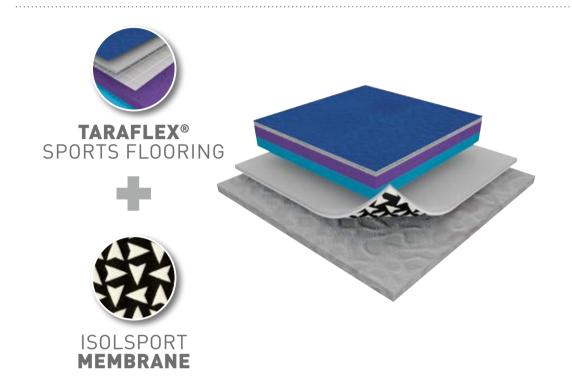
Only if roll length up to 28 lm, to be ordered with storage racks

ROLL HOIST PAIR: Additional device for easy upload or download of rolls.

TECHNICAL SOLUTIONS

► ISOLSPORT SYSTEM

Solution for cost-effective renovation works



A simple, quick and cost-effective solution

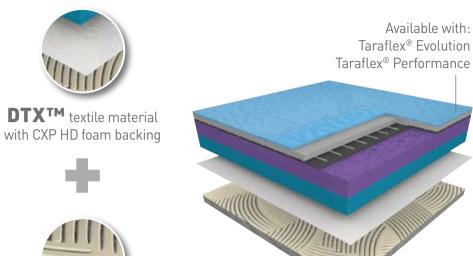
Isolsport membrane is an impervious loose-lay sheet designed to be laid over damp subfloors or existing floors prior to the installation of our Taraflex® Sports range.

- Provides a solution for renovation work, and acts as a moisture barrier.
- ➤ Loose-lay installation allows application over a concrete slab with moisture levels as high as 92% - the raised effect allows humidity to circulate.



► DRY-TEX™ SYSTEM

Solution for damp subfloors





GERPUR proprietary mono component adhesive that reacts to humidity: the higher the moisture, the quicker the bonding!

- ▶ Cost-effective no need for additional moisture barriers (DPM's) saving both labour and material costs
- Time-effective no need to wait for the slab to dry out
- ► Greater durability and performance unbeatable bonding strength to the subfloor

INSTALLATION	CRITERIA:
MOISTURE	No limit*
FLATNESS	< 6mm / 3m
SURFACE	Hydraulic concrete**
***	1 / 446

^{*}No surface water on the slab / **for more information contact us



GAME LINES AND MAINTENANCE

GAMELINES AND TAPES

Permanent installation: game lines paint

DESCRIPTION*	USE
KIT TLD AQUA BASKET	200 lm / 5 cm width / red
KIT TLD AQUA BADMINTON	100 lm / 4 cm width / black
KIT TLD AQUA TENNIS	150 lm / 5 cm width / white
KIT TLD AQUA HANDBALL	230 lm / 5 cm width / yellow
KIT TLD AQUA VOLLEY	85 lm / 5 cm width / blue

^{*}Each kit contains 1 roller, adhesive tapes and the adequate number of paint and hardener cans

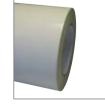
Temporary installation: game lines

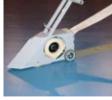


DESCRIPTION*	USE
3 M TAPES BLACK	For game lines
3 M TAPES WHITE**	For game lines - White = Tennis
3 M TAPES RED	For game lines - Red = Basket
3M TAPES BLUE	For game lines - Blue = Volley

^{*} To be used on Taraflex range except on canvas and tennis embossing

Temporary installation: adhesive tapes





DESCRIPTION	TYPE OF SUPPORT
Double-sided adhesive tape	For smooth surface (varnished wood, vinyl)
Double-sided adhesive tape	For rough surface (concrete, unvarnished wood)
Unroller double-sided tape	

► MAINTENANCE PROTOCOL

	MAINTENANCE TYPE	MAINTENANCE RATING	TOOLS TO BE USED	CLEANING PRODUCTS	MAINTENANCE GUIDELINES
INITIAL MAINTENANCE	MECHANICAL CLEANING	-	or or if dirty	Neutral detergent or alkaline detergent if dirty (ex: Tanex Trophy)	Rotary cleaning machine or scrubbed machine equipped with water vacuum
DAILY MAINTENANCE	MANUAL CLEANING	1x per day		-	Broom without water
WEEKLY MAINTENANCE	MECHANICAL CLEANING IF MANUAL DAILY CLEANING	2x/week (1x for small halls)	or or light green	Neutral detergent or alkaline detergent if dirty (ex: Tanex Trophy)	Wet broom Mechanical cleaning
DEEP-DOWN CLEANING	MECHANICAL CLEANING	Every school breaks (or every 2 months)	or or light green	Special detergent for scuffing and resin (ex: Traciflex)	Pour detergent over shoe scuffings / resin marks Wait 10 minutes Clean mechanically

Traciflex



- Multipurpose detergent for cleaning the vinyl sport floors (shoe marks and contact marks)
- ► Also suitable for floors which are difficult to clean
- For daily or weekly maintenance

Tanex Trophy



- Multipurpose detergent for cleaning the vinyl sport floors (shoe marks and contact marks)
- ► Also suitable for floors which are difficult to clean
- For weekly maintenance

Spray Taraclean



 Spray cleaner to remove occasional and tough stains, notably resin marks

^{**} White colour can be used for any other monosport court

PROJECT REFERENCES





















TECHNICAL INFORMATION

												Taraflex [®] Badminton			Taraflex® Table Tennis			
Description	Standard	Requirement	Units	Taraflex® Surface	Taraflex® Surface Mask	Taraflex [®] Multi-Use	Taraflex® Evolution	Taraflex [®] Performance	Taraflex [®] Comfort	Taraflex [®] Tennis	Portable	4.5	7.5	Portable	4.5	6.2	Taraflex [®] Bateco	Taraflex [®] Isolsport
Dry-Tex™ System	-	-	-	-	-	-	D	D	-	-	-	-	D	-	-	-	-	-
Product Description									1	ı		ı			ı			
Surface treatment	-	-	-	Triple-Action Protecsol®	Triple-Action Protecsol®	Triple-Action Protecsol®	Triple-Action Protecsol®	Triple-Action Protecsol®	Triple-Action Protecsol®	-	Triple-Action Protecsol®	PUR Protect®	Triple-Action Protecsol®	Triple-Action Protecsol®	PUR Protect®	Triple-Action Protecsol®	-	-
Surface complex	-	-	-	D-Max™	100% PVC	D-Max™	D-Max™	D-Max™	D-Max™	D-Max™	100% Pur PVC	100% Pur PVC	D-Max™	100% Pur PVC	100% Pur PVC	D-Max™	-	-
Foam	-	-	-	-	-	CXP-HD + ™	CXP-HD™	CXP-HD™	CXP-HD™	CXP-HD + ™	-	-	CXP-HD™	-	-	CXP-HD+™	-	-
Thickness	EN ISO 24346	-	mm	2	2	6.2	7.5	9	12.5	6.2	3.9	4.5	7.5	3.7	4.5	6.2	1.5	1.65
Weight	EN ISO 23997	-	kg/m²	2.9	2.58	4.2	4.7	5.4	5.1	3.8	1.95	2.6	4.7	1.9	2.6	4.2	2.05	1.35
Length*	EN ISO 24341	-	lm	26.5 Max	20 Max	26.5 Max	26.5 Max	26.5 Max	26.5 Max	24 STD	16 STD	20.5 STD	26.5 Max	16 STD	20.5 STD	20.5 STD	30 Max	45 Max
Width	EN ISO 24341	-	lm	1.5	2	1.5	1.5	1.5	-	1.5	3 x 2.7	1.5	1.5	1.5	1.5	1.5	1.5	2
Sport Properties																		
Shock absorption	EN 14808	≥ 25	%	-	-	P1	P1	P2	P3	P1	-	-	P1	-	-	P1	-	-
Impact Protection Index (IPI)	AC-P90-205	-	%	-	-	52	76	82	89	52	-	-	76	-	-	52	-	-
Vertical deformation	EN 14809	≤ 3.5	mm	€2	€2	≤ 2	€2	€3	≤ 3.5	€2	€2	€2	€ 2	€2	€2	≤ 2	-	-
Sliding coefficient	EN 13036-4	80 to 110	-	80 to 110	80 to 110	80 to 110	80 to 110	80 to 110	80 to 110	80 to 110	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	≥ 90	≥ 90	-	≥ 90	-	-	≥ 90	≥ 90	-	-
Ball speed	ITF	-	-	-	-	-	-	-	-	Class 5 (Fast)	-	-	-	-	-	-	-	-
Technical Characteristics																		
Abrasion resistance	EN ISO 5470-1	≤ 1000	mg	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤ 350	≤300	-
Impact resistance	EN 1517	≥8	N/m	≥8	≥8	≥8	≥8	≥8	≥8	≥8	-	-	≥8	-	-	≥8	-	-
Indentation resistance	EN 1516	< 0.5	mm	≤ 0.5	≤ 0.5	< 0.5	< 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	€ 0.5	≤ 0.5	≤ 0.5
Classification																		
Fire	EN 13501-1	-	-	B _{fl} -s1	B _{fl} -s1	C _{fl} -s1	C _{fl} -s1	C _{fl} -s1	C _{fl} -s1	C _{fl} -s1	B _{fl} -s1	C _{fl} -s1	C _{fl} -s1	B _{fl} -s1	C _{fl} -s1	C _{fl} -s1	B _{fl} -s1	C _{fl} -s1
Anti-bacterial activity (E. coli - S. aureus - MRSA) (1)	ISO 22196	-	-			> 99%	inhibits growth			> 99% inhil	oits growth	-	> 99% inhil	oits growth	-	> 99% inhibits growth	-	-
CE Marking																		
(E	EN 14 904	-	-	Sliding C	Resistance		Fir Shock Ab Sliding Co Abrasion F Rolling load	oefficient Resistance		Fire Shock Absorption Sliding Coefficient Abrasion Resistance Rolling load Resistance	Fire	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	Fire

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

 $^{^{} ext{(1)}}$ The implementation of an effective cleaning method is the best defence against infection

^{*} For different roll lengths please contact u







WE CARE I WE ACT. Our commitments for a sustainable future



CARBON FOOTPRINT





BIOSOURCED CONTENT"

10 % by 2025





35 % by 2025



ANNUAL VOLUME RECYCLED

60,000 t by 2025

