



INDOOR SPORTS FLOORINGS

A complete range of quality indoor sports surfacing

The right sports surface is essential for comfort, safety and performance across a range of activities as well as high-level competition.

Tarkett Sports is the largest provider of sports surfaces in the world, and sets the pace for the sports surfacing industry. The key to our success is an ongoing commitment to quality, innovation and customer service. From the very beginning of a project to the installation of the surface, we work closely with our customers to provide a quality sports surface, adapted to their needs, that has been designed to last.

Our sports surfaces protect users and offer durable high-performance surfaces for a wide range of activities. Tarkett Sports, as sports surfacing solution provider can offer a wide range of sports surfacing designed for all types of applications: wood, PVC and linoleum sports surfacing for basketball, volleyball, handball, squash and multipurpose gymnasium applications. Tarkett also offers floor protection solutions that enable your sports surface to be used for non-sports activities such as concerts or assemblies.

For outdoor sports, Tarkett Sports also offers a range of synthetic turf (FieldTurf) designed to meet the requirements of each type of sport and level of competition, from schools to professional sports.

Omnisports PVC Solutions p. 288-293

Wood Sports Surfaces p. 294-301

Lumaflex Combination Solutions p. 302-309

Floor Protections p. 310-315



OMNISPORTS



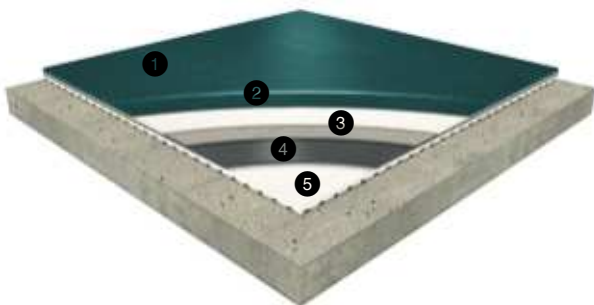
Omnisports,
the ideal
multi-purpose
surface

- └ *Omnisports is a multi-purpose PVC sports surface that has been designed to accommodate a wide range of sporting events.*
- └ *Tarkett Sports' Omnisports is available in four thicknesses to satisfy varying degrees of shock absorption and performance requirements adapted to all levels of sports.*



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OMNISPORTS

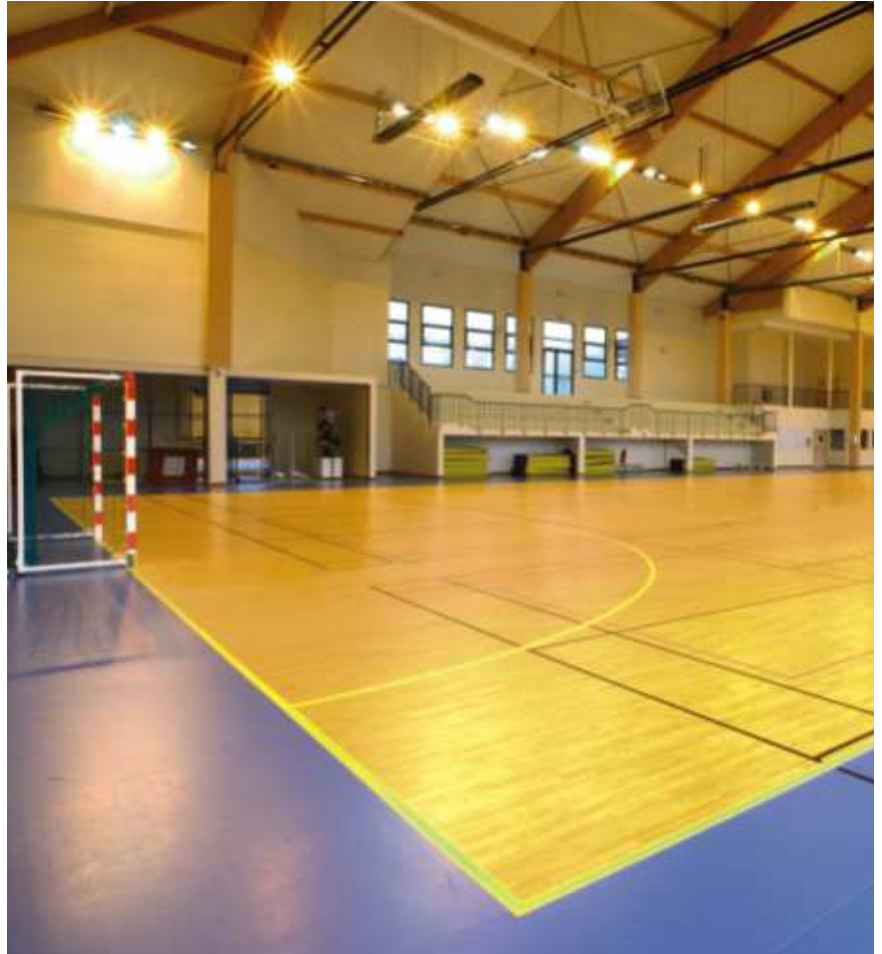


- ❶ TOP CLEAN XP
- ❷ Non-pigmented wear layer
- ❸ Foam PVC sub-layer with an unweaved fibreglass mat
- ❹ Compact PVC layer
- ❺ Highly cellularised acoustic foam (HCF) with engineered honeycomb backing

Technical data		Omnisports Speed	Omnisports Training	Omnisports Reference			Omnisports Excel		
				Loose laid	Glued installation	Installation on Tarkolay	Loose laid	Glued installation	Installation on Tarkolay
Total weight	EN 430	3.295 kg/m ² (+/- 500 g)	4.230 kg/m ² (+/- 500 g)	4.710 kg/m ² (+/- 500 g)			6.150 kg/m ² (+/- 800 g)		
Width	EN 426	2 m							
Length	EN 426	20.5 m							
Total thickness	EN 428/EN 429	3.45 mm (+/- 0.15mm)	5 mm (+/- 0.15 mm)	6.5 mm (+/- 0.15 mm)			8.3 mm (+/- 0.2 mm)		
Wear layer thickness	EN 429	0.65 mm	0.70 mm	0.70 mm			0.80 mm		
Reaction to fire	EN 13501-1	Cfl-s1	Bfl-s1 glued installation Cfl-s1 with Lumaflex	Cfl-s1			Cfl-s2	Cfl-s1	Cfl-s2
Friction	EN 13036-4	95	100	88			103		
Shock absorption	EN 14808	6 %	19 %	26 %	27 %	28 %	32 %	33 %	34 %
Vertical deformation	EN 14809	0.4 mm	1 mm	1.11 mm	1.33 mm	1.26 mm	1.34 mm	1.21 mm	1.39 mm
Vertical ball rebound	EN 12235	98 %	98.4 %	100 %	99 %	100 %	99 %	100 %	99 %
Specular gloss	EN ISO 2813	15.6 %	11 %	14.4 %			10.8 %		
Behaviour under a rolling load	EN 1569	< 0.5 mm No degradation	0.22 mm No degradation	< 0.50 mm No degradation			< 0.50 mm No degradation		
Abrasion	EN ISO 5470-1	0.128 g	0.13 g	0.098 g			0.129 g		
Resistance to indentation	EN 1516	0.18 mm	0.16 mm	0.21 mm		0.40 mm	0.29 mm		0.39 mm
Formaldehyde emission	EN 717-1 EN 717-2	No formaldehyde							
Pentachlorophenol	EN 434	No pentachlorophenol							
Resistance to impact	EN 1517	No degradation	Some marks, no degradation	No degradation			No degradation		
Surface treatment		Topclean XP® protection							
Resistance to bacteria	NF EN ISO 846	Sanitized® antibacteria and anti fungal treatment							
Colours		Uni: 11 - Wood: 4	Uni: 10 - Wood: 4	Uni: 10 - Wood: 4			Uni: 10 - Wood: 4		
CE	EN 14904	CE / EN 14904 on Lumaflex only			CE / EN 14904				

The above information is subject to modifications for the benefit of further improvement 01/2010.
For more detailed technical information, please contact Tarkett.

Omnisports



- └ Excellent and cost effective solution, available in a wide range of colors including wood patterns,
- └ Four thicknesses accommodating varying performance levels,
- └ Highly cellularised acoustic foam reducing sound transmission and bringing optimal rebound and shock absorption,
- └ Easy installation.



Beech



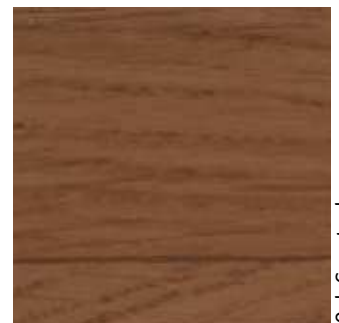
Maple

Speed 3.45 mm: 3911 001
Training 5.00 mm: 3709 001
Reference 6.5 mm: 3913 001
Excel 8.3 mm: 3915 001

3911 002
 3709 002
 3913 002
 3915 002






Oak Classic

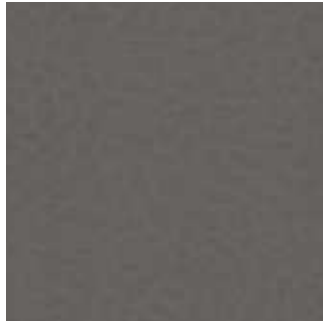


Oak Gunstock

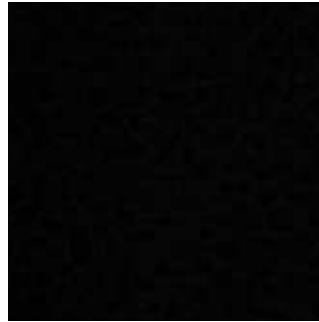
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Training 5.00 mm: 3709 003
Reference 6.5 mm: 3913 003
Excel 8.3 mm: 3915 003

3911 004
 3709 004
 3913 004
 3915 004

 2008	EN 14904  	Manufactured by: Tarkett France 08200 Sedan FRANCE
		EN 14904 Omnisports Reference/Excel *Omnisports Speed and Training are certified only on Lumaflex base.



Grey



Black

Speed 3.45 mm: 3707 009
 Training 5.00 mm: 3708 009
 Reference 6.5 mm: 3912 009
 Excel 8.3 mm: 3914 009

3707 010
 3708 010
 3912 010
 3914 010



Sky blue



Royal blue



Forest green

Speed 3.45 mm: 3707 014
 Training 5.00 mm: 3708 017
 Reference 6.5 mm: 3912 017
 Excel 8.3 mm: 3914 017

3707 016
 3708 016
 3912 016
 3914 016

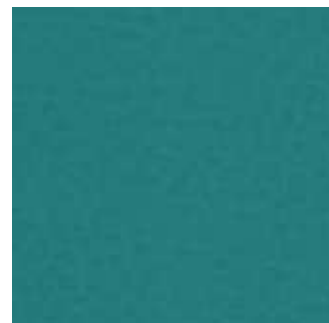
3707 014
 3708 014
 3912 014
 3914 014



Field green



Mint green



Teal

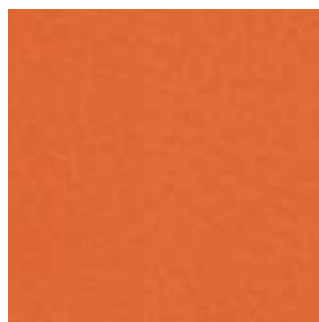
Speed 3.45 mm: 3707 019
 Training 5.00 mm: 3708 002
 Reference 6.5 mm: 3912 002
 Excel 8.3 mm: 3914 002

3707 002

3707 015
 3708 015
 3912 015
 3914 015



Yellow



Orange



Red

Speed 3.45 mm: 3707 013
 Training 5.00 mm: 3708 013
 Reference 6.5 mm: 3912 013
 Excel 8.3 mm: 3914 013

3707 012
 3708 012
 3912 012
 3914 012

3707 003
 3708 011
 3912 011
 3914 011

* Omnisports Speed and Omnisports Training are CE certified only on Lumaflex base.



Wood sports solutions

From the most traditional
to the most innovative

- ┌ *Quality wood sports surfaces are an integral component to the practice and development of sports and activities such as basketball, volleyball, handball, squash and dance.*
- ┌ *Over the years, wood systems designed for sports applications have seen considerable improvement of quality and sophistication of the sub-structure. Tarkett Sports currently offers four different types of wood sports surfaces:*
 - Reflex M
 - Proflex M
 - Multiflex M
 - Sportable

WOOD SOLUTIONS



Reflex M, Proflex M pages 298-299
Multiflex M, Sportable pages 300-301

WOOD SOLUTIONS



- └ Extremely durable solutions that provide high levels of performance (in terms of shock absorption, ball bounce, surface friction, etc)
- └ International surface of choice for basketball
- └ Approved by the highest national and international authorities such as FIBA, FFBB*, IHF, LNH** and WBVF
- └ Excellent quality/price ratio (in particular Multiflex M and Reflex M)
- └ Sportable's ease of use-assembly and dismantling

Technical data	Standards	Reflex M	Proflex M	Multiflex M	Sportable
Total weight	EN 430	15.90 kg/m ² (+/- 100 g)	20 kg/m ² (+/- 100 g)	16.10 kg/m ² (+/- 100 g)	20.50 kg/m ² (+/- 100 g)
Width	EN 427	188 mm (+/- 0.5 mm)			613 mm (+/- 0.5 mm)
Length	EN 426	2520 mm		2525 mm	2470 mm
Total thickness	EN 428/EN 429	56 mm (+/- 1mm)	88 mm (+/- 2 mm)	38 mm (+/- 1mm)	44 mm (+/- 1 mm)
Wear layer thickness	EN 429	3.6 mm			
Reaction to fire	EN 13501-1	D _{fl} -s1	D _{fl} -s1	D _{fl} -s1 finished C _{fl} -s1 unfinished	C _{fl} -s1
Friction / Slipperiness	EN 13036-4	106	106	106	106
Shock absorption	EN 14808	53 %	60 %	52 %	55 %
Vertical deformation	EN 14809	1.8 mm	2 mm	2.3 mm	3.2 mm
Vertical ball rebound	EN 12235	96.6 %	96 %	98.3 %	95.8 %
Behaviour under a rolling load	EN 1569	0.1 mm No degradation			0.5 mm No degradation
Specular gloss	EN 13747	17 g			
Abrasion	EN ISO 5470-1	0.06 g			0.045 g
Formaldehyde emission	EN 717-1 EN 717-2	E1	E2	E1	E1
Colours	Timber species: Beech / Oak				

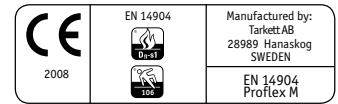
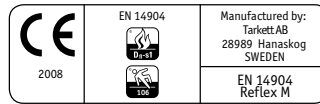
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For more detailed technical information, please contact Tarkett.

Reflex M Proflex M

- ┌ *Extremely durable solutions that provide higher levels of performance (in terms of shock absorption, ball bounce, surface friction, etc)*
- ┌ *International surface of choice for basketball*
- ┌ *Approved by the highest national and international authorities such as the FIBA FFBB, IHF and WVBFB*
- ┌ *Proflex M: superior shock absorption and consistent ball bounce, ideal for basketball courts*
- ┌ *Reflex M: budget solution for all types of applications*





Reflex M

Reflex M is designed to provide a low cost alternative sports surface that is easy to install.



Reflex M

- ① Wood sports floor (multilayer 22 mm)
- ② Single joist system
- ③ Tarfoam 1200
- ④ Tarfilm



Proflex M

- ① Wood sports floor (multilayer 22 mm)
- ② Double joist system with elastomeric pads
- ③ Tarfoam 1200
- ④ Tarfilm

Proflex M

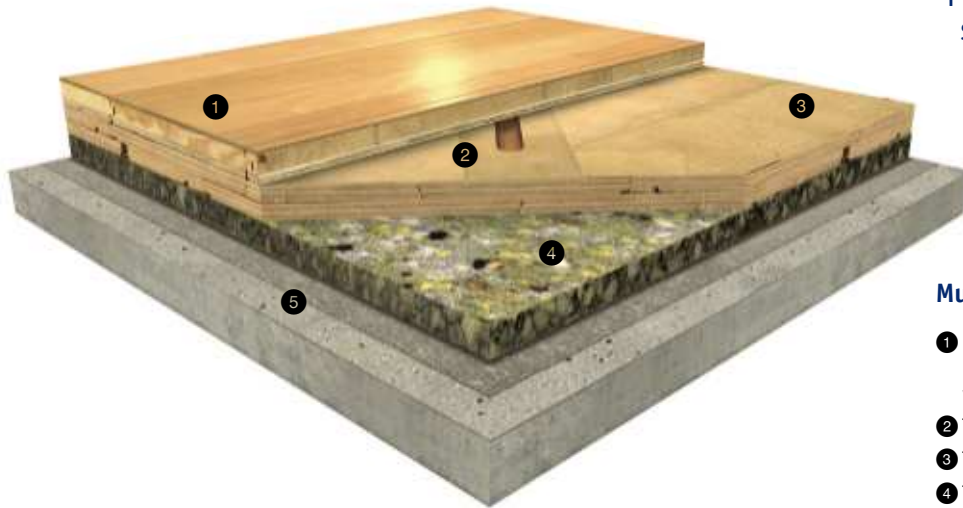
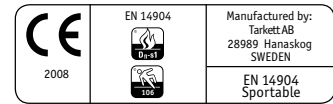
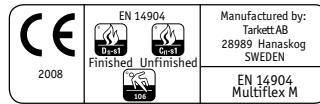
Proflex M provides excellent playing characteristics for any facility that requires a surface with superior shock absorption and consistent ball bounce.

This system is ideal for basketball courts as well as dance and aerobic studios.

Multiflex M Sportable

- ┆ *Extremely durable solutions that provide higher levels of performance (in terms of shock absorption, ball bounce, surface friction, etc)*
- ┆ *International surface of choice for basketball and handball*
- ┆ *Approved by the highest national and international authorities such as the FIBA, FFBB, WVBF and IHF*
- ┆ *Sportable: removable floor with patented interlocking aluminium system*
- ┆ *Multiflex M: quality and cost effective solution*





Patented system

Multiflex M

- ① Multilayer sports floor (14 mm) with 3,6 mm wear layer
- ② Targlue
- ③ Tarflex
- ④ Tarfoam 1500
- ⑤ Tarfilm

Multiflex M

The best economic quality and cost-effective solution

Multiflex M combines the top qualities expected by sportsmen around the globe: high levels of sports performances complying with the requirements of current EN 14 904 standard together with optimum acoustic comfort due to the continuity of its resilient subconstruction. Performance at its best !



INNOVATION!
Patented System

Sportable

Sportable is a premium removable floor, which combines the superior performance characteristics of the Tarkett Sports floor, with a quick and easy assembly system.

This system is designed to meet the demands of professional competition and provide a reliable, simplified assembly - quick to lay and easy to remove.



Lumaflex

Multiple levels
of performance combined

└ The Lumaflex range is an exclusive combination flooring system that can be combined with a PVC or linoleum top layer. This unique pairing makes for an incredibly reliable system that conforms to the highest standards and performance requirements:

- Unique playing comfort
- High performance sports characteristics inspired by the system's combined deformation (shock-absorption according to standard EN 14808).
- Versatility
- Optimum durability
- Reinforced safety and shock-absorption
- Simplified maintenance
- Environmentally friendly

LUMAFLEX



Lumaflex Omnisports pages 306-307

Lumaflex Linosport pages 308-309

LUMAFLEX



- └ *Innovative sub-construction system for combination with multiple surfaces: sub-construction + PVC or sub-construction + Linoleum.*
- └ *Increased performance in accordance with the highest standards of sport: shock absorption, according to the EN 14808 standard: >45 %.*
- └ *Durability: Lumaflex Linosports has a factory applied X-tremeFinish (XF) treatment consisting of a pure UV-hardened polymer surface protection. This treatment ensures optimal durability and resistance.*
- └ *Commitment to the environment: 100 % of the factories waste is recycled and we use 10 % of the recycled material for our linoleum and more than 20 % for our PVC.*

Technical data	Standards	Lumaflex Classic Speed	Lumaflex Classic Training	Lumaflex Classic Reference	Lumaflex Duo Speed	Lumaflex Duo Training	Lumaflex Duo Reference	Lumaflex Classic Linosport XF	Lumaflex Linosport Classic	Lumaflex Duo Linosport XF	Lumaflex Duo Linosport Classic
Total weight	EN 430	19.4 kg/m ²	19.3 kg/m ²	20.8 kg/m ²	17.3 kg/m ²	18.21 kg/m ²	18.7 kg/m ²	20 kg/m ²	20.9 kg/m ²	17.9 kg/m ²	18.8 kg/m ²
Width	EN 426	2 m						2 m			
Length	EN 426	20.5 m						28 m			
Strip dimension	EN 426 / EN 427	2430 x 138 x 20.5 mm			2430 x 295 x 18 mm			2430 x 138 x 20.5 mm			
Total thickness	EN 428	38.9 mm	40.5 mm	42 mm	36.45 mm	38 mm	39.5 mm	38.7 mm	39.5 mm	36.2 mm	37 mm
Reaction to fire	EN 13501-1	C _{fl} -s1						C _{fl} -s1	D _{fl} -s2	D _{fl} -s1	C _{fl} -s2
Friction / Slipperiness	EN 13036-4	95	100	88	95	100	88	90	97	90	97
Specular gloss	EN ISO 2813	15.6 %	15 %	14.4 %	15.6 %	15 %	14.4 %	11.6 %	3 %	11.6 %	3 %
Shock absorption	EN 14808	51 %	51 %	55 %	61 %	51 %	56 %	45 %	46 %	62 %	57 %
Vertical deformation	EN 14809	2.5 mm	2.1 mm	3.1 mm	3.5 mm	2.3 mm	3.1 mm	1.6 mm	1.8 mm	3.9 mm	2.3 mm
Vertical ball rebound	EN 12235	92 %	96 %	94 %	92 %	98.6 %	98 %	97.3 %	98.6 %	90 %	98 %
Behaviour under a rolling load	EN 1569	< 0.5 mm No degradation	0.13 mm No degradation	0.2 mm No degradation	< 0.5 mm No degradation	0.2 mm No degradation	0.2 mm No degradation	0.4 mm No degradation	0.1 mm No degradation	0.35 mm No degradation	≤ 0.5 mm No degradation
Abrasion	EN ISO 5470-1	0.128 g	0.22 g	0.098 g	0.128 g	0.22 g	0.098 g	0.25 g	0.48 g	0.25 g	0.48 g
Resistance to indentation	EN 1516	0.18 mm	0.09 mm	0.4 mm	0.29 mm	0.16 mm	0.4 mm	0.45 mm	0.07 mm	0.07 mm	0.4 mm
Resistance to impact	EN 1517	No degradation	Some marks, no degradation			No degradation	Some marks, no degradation	Some marks, no degradation			
Formaldehyde emission	EN 717-1 EN 717-2	No formaldehyde						E1			
Pentachlorophenol	EN 434	No pentachlorophenol									
Surface treatment		Topclean XP® protection						XF treatment	Linofinish	XF treatment	Linofinish
Resistance to bacteria	NF EN ISO 846	Sanitized® antibacteria and anti fungal treatment									
Colours		Uni: 11 Wood: 4	Uni: 10 Wood: 4	Uni: 10 Wood: 4	Uni: 11 Wood: 4	Uni: 10 Wood: 4	Uni: 10 Wood: 4	10	9	10	9

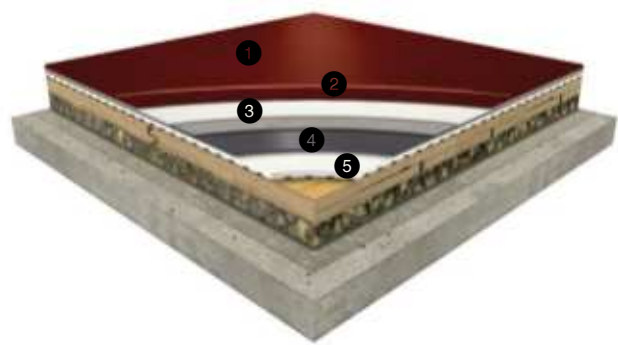
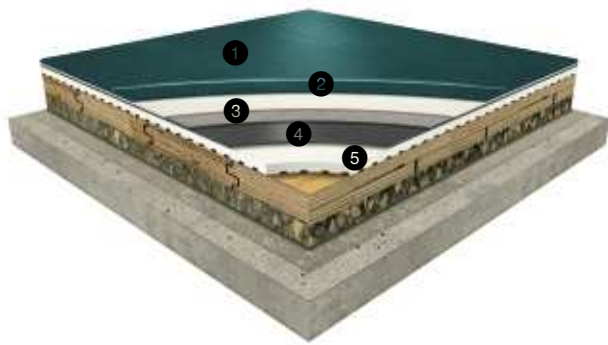
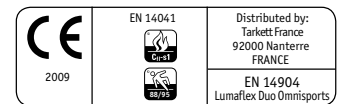
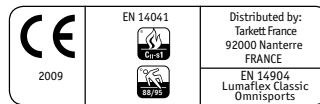
The above information is subject to modifications for the benefit of further improvement (01/2010).

For more detailed technical information, please contact Tarkett.

Lumaflex Omnisports

- ┆ *Innovative sub-structure combined with Omnisports PVC floor covering, bringing higher level of performance,*
- ┆ *Multipurpose and durable,*
- ┆ *Environmental friendly, with more than 20 % of recycled material.*





Lumaflex Classic Omnisports Speed/Training/Reference



- 1 TOP CLEAN XP
- 2 Non-pigmented wear layer
- 3 Foam PVC sub-layer with an unwoven fibreglass mat
- 4 Compact PVC layer
- 5 Highly cellularised acoustic foam (HCF) with engineered honeycomb backing



Lumaflex Duo Omnisports Speed/Training/Reference



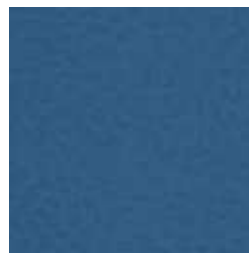
- 1 TOP CLEAN XP
- 2 Non-pigmented wear layer
- 3 Foam PVC sub-layer with an unwoven fibreglass mat
- 4 Compact PVC layer
- 5 Highly cellularised acoustic foam (HCF) with engineered honeycomb backing



Grey



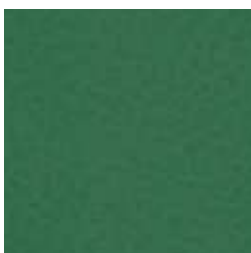
Black



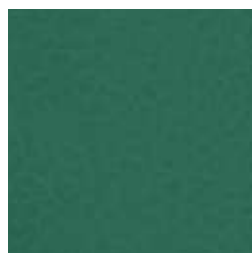
Sky blue



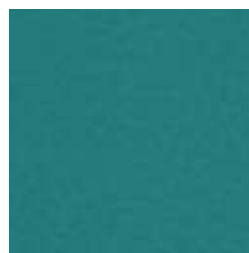
Royal blue



Field green



Mint green*



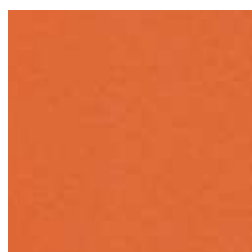
Teal



Forest green



Yellow



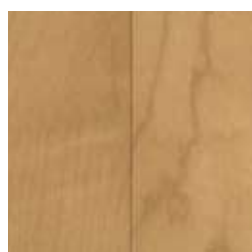
Orange



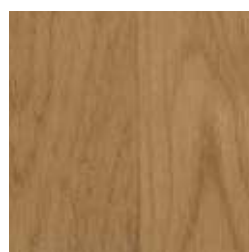
Red



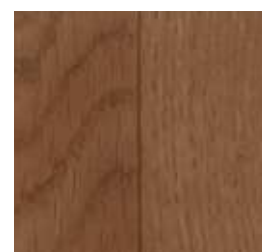
Beech



Maple



Oak Classic



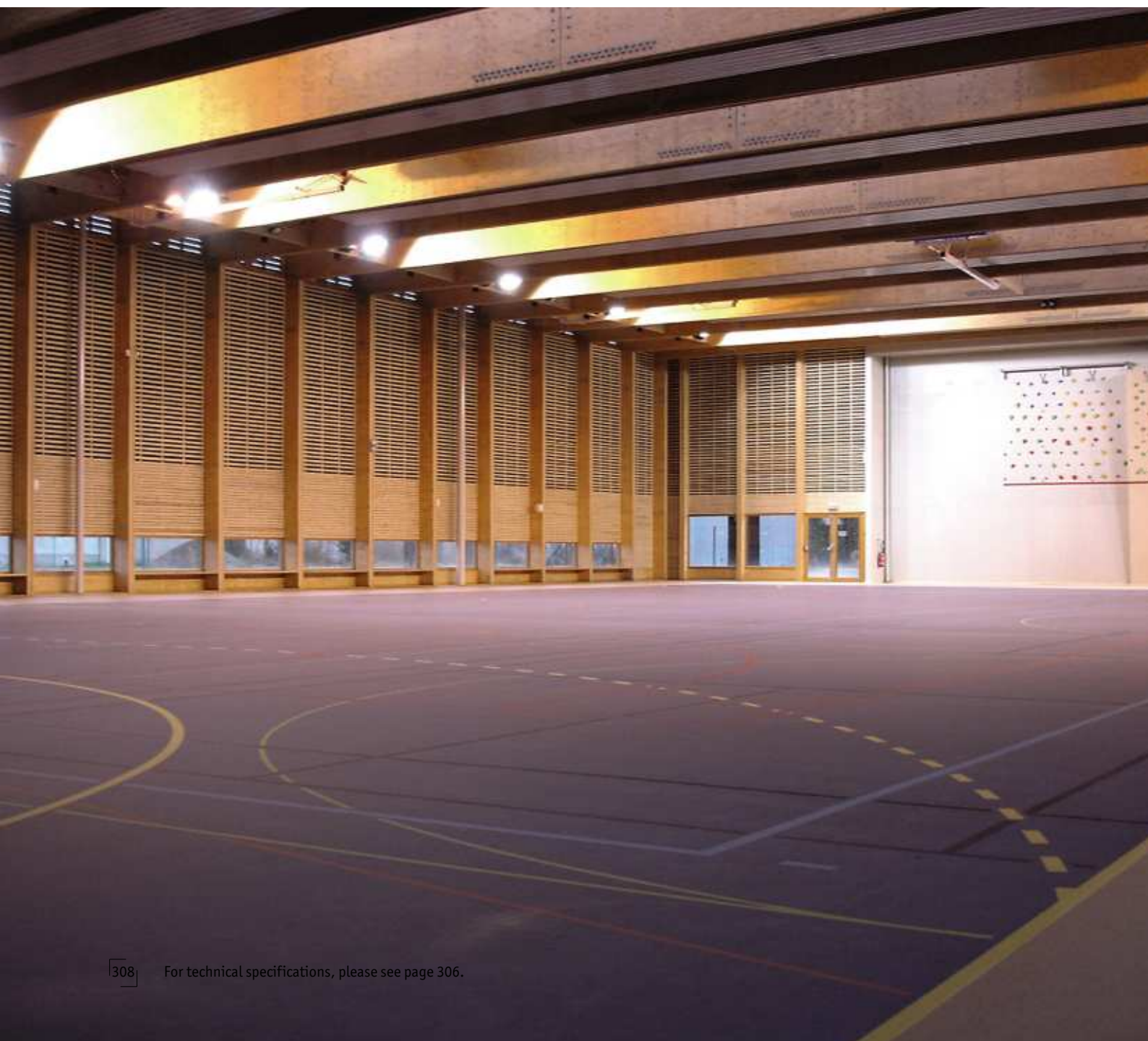
Oak Gunstock

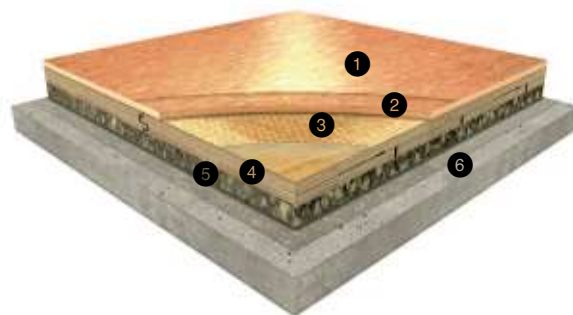
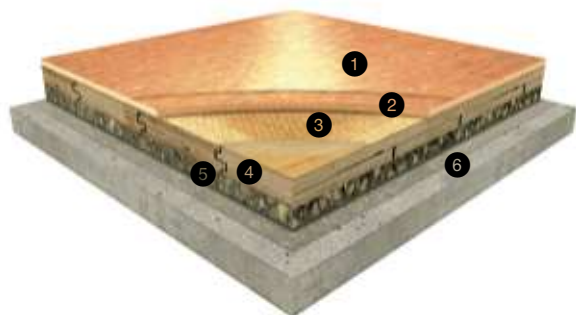
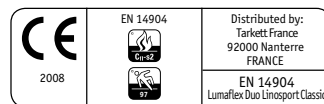
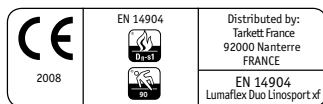
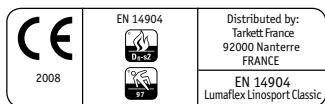
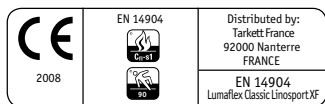
* Mint green: Omnisports Speed only

Lumaflex Linospport



- └ *Optimal safety and shock-absorbency from a sub-base with surface deformation identical to parquet (birchplywood floor on foam)*
- └ *Increased resistance to wear and crushing, allowing intensive use without floor protection,*
- └ *Linospport XF: durability and resistance: factory applied X-tremeFinish (XF) treatment (pure UV-hardened terpolymer surface protection)*
- └ *Environmental friendly, with more than 10 % of recycled material used in our linoleum.*





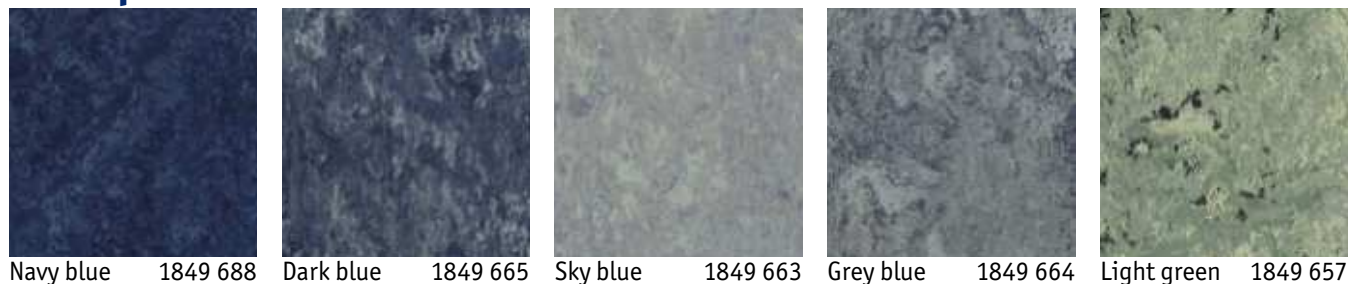
Lumaflex Classic Linosport

- ① Finish (X-treme XF for Linosport XF or Classic Linofinish applied in situ for Linosport Classic)
- ② Homogenous monolayer linoleum
- ③ Jute backing
- ④ Lumaflex Classic (birch plywood - 20,5 mm thick – boards dimensions: 2430 x 138 mm)
- ⑤ Tarfoam
- ⑥ Tarfilm

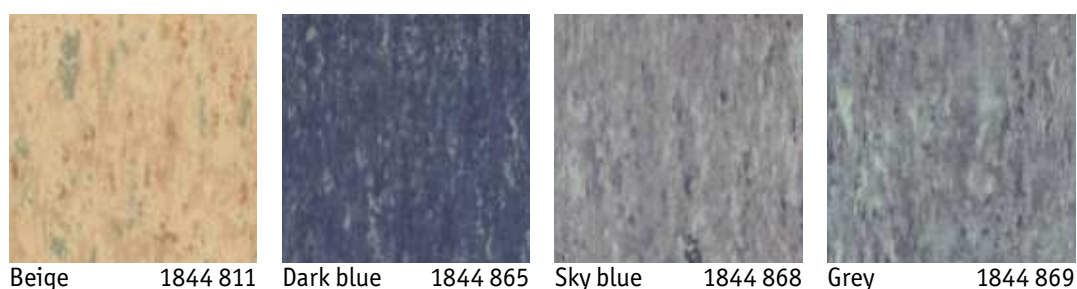
Lumaflex Duo Linosport

- ① Finish (X-treme XF for Linosport XF or Classic Linofinish applied in situ for Linosport Classic)
- ② Homogenous monolayer linoleum
- ③ Jute backing
- ④ Lumaflex Duo (birch plywood - 18 mm thick – boards dimensions: 2430 x 295 mm)
- ⑤ Tarfoam
- ⑥ Tarfilm

Linosport XF



Linosport Classic





Extend the
lifespan of
your surface
and your facility

┌ In order to protect your sport surfaces, we recommend to use floor protections. Two distinct floor protection options have been designed to reduce the maintenance and wear of your sports surface: Protectiles and Touchdown.

They allow a quick conversion of your sports facility into a hall that can be used for non-sports related activities such as assemblies and concerts.

FLOOR PROTECTIONS

Protectiles

pages 314-315

Touchdown

FLOOR PROTECTIONS



- └ Extremely resistant and durable.
- └ Easy to setup and remove.
- └ Budget solution.

Technical data		Protectiles
Description		Polypropylen textile tiles on polyolefin under layer
Total thickness	EN 428	5.2 mm (+/- 20 %)
Total weight	EN 430	3 100 g/m ²
Fire reaction	EN 13501-1	B _{fl} s1
Friction	EN 13893	DS
Underfloor heating compatibility	EN 12524	OK
Colours		4
Form of delivery	EN 427	Tiles: 1 x 2 m

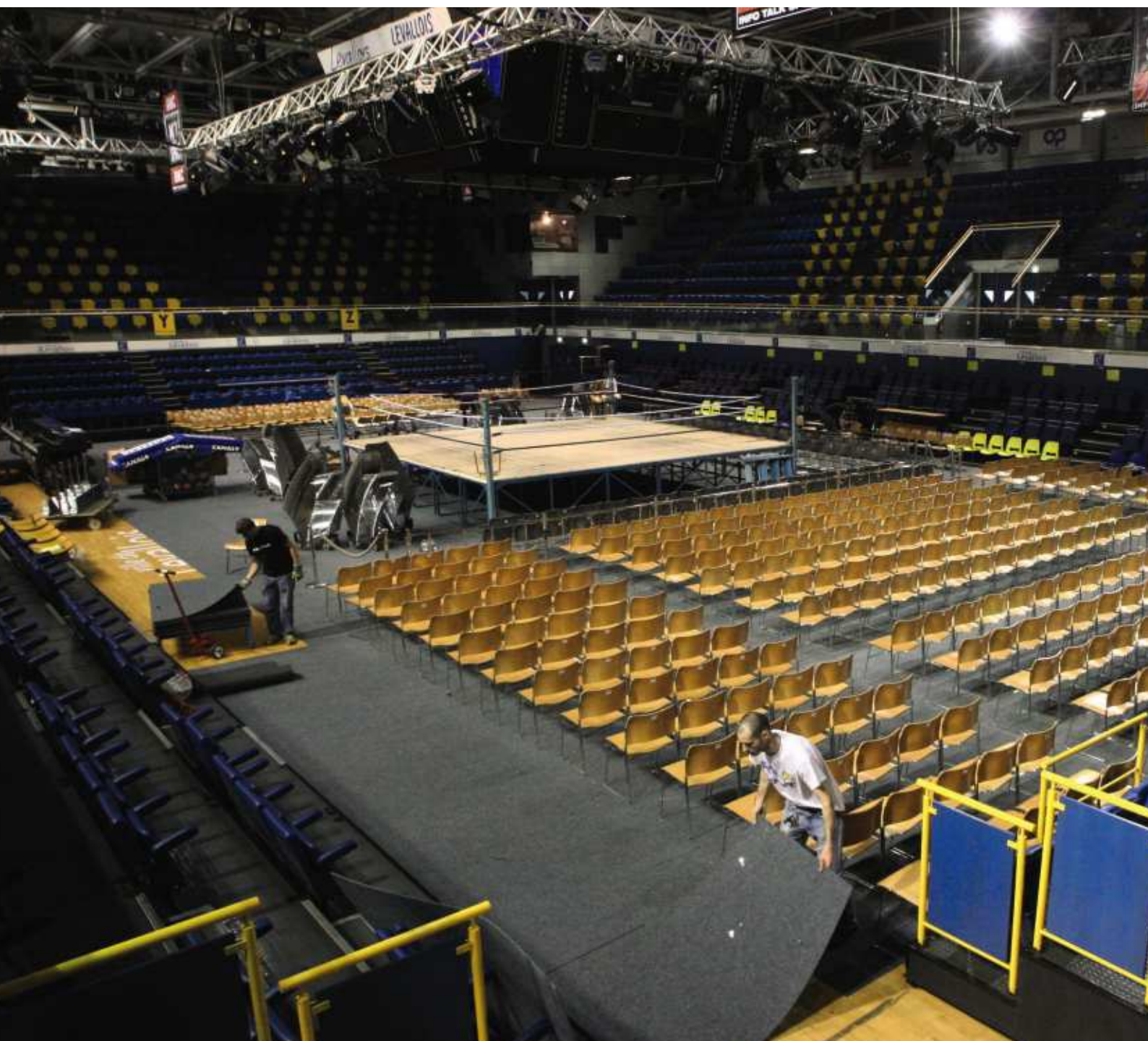
Technical data		Touchdown
Description		Compact vinyl floorcovering
Total thickness	EN 428	1.3 mm
Total weight	EN 430	1 600 g/m ²
Static indentation	EN 433	≤ 0.10 mm
Dimensional stability	EN 434	0.1 %
Fire reaction	EN 13501-1	C _{fl} s1 (on concrete support)
Slip resistance	EN 13893	μ ≥ 0.3
Electrical properties:	EN 1081	R1 > 10 ¹⁰ ohms
Formaldehyde	EN 717-1 / EN 727-2	No formaldehyde
Pentachlorophenol	EN 12673	No pentachlorophenol
Colours		3
Form of delivery	EN 427	Roll: 2 m x 10 to 40 lm

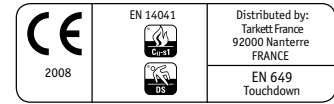
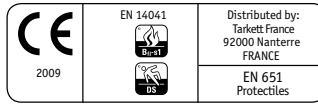
The above information is subject to modifications for the benefit of further improvement (01/2010).

For more detailed technical information, please contact Tarkett.

Protectiles/ Touchdown

- └ Extremely resistant and durable.
- └ Easy to set up and remove.
- └ Budget solution.





Protectiles

Extend the lifespan of your sports surface while reducing the need for unnecessary maintenance with the help of Tarkett Sports' Protectiles. Protectiles are an extremely durable and aesthetically pleasing floor protection tile that protects your surface from dirt, heavy foot traffic and point loads generated by heavy equipment such as stages. Protectiles are quick and easy to set up and can easily transform your sports facility into a hall for special occasions, ceremonies and assemblies.



Grey 2490 000



Brown 2490 001



Blue 2490 002



Chesnut 2490 003



Grey 3950 001



Beige 3950 002

Touchdown

Touchdown is an economical and easy to install compact PVC floor protection. Touchdown is very resistant to wear and tear and will help keep the existing sports surface looking fresh and clean for many years.



Green 3950 003