

## REFLEX M EVOLUTION

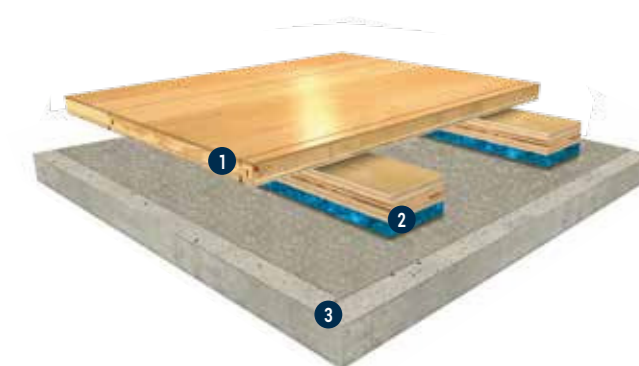


### Dynamic system for multi-sports facilities

- Single-batten system providing good shock absorption (>55%) and energy return
- Good air-ventilation providing the typical wood court sound and preventing any premature damage due to rising moisture.

100 %  
Recyclable

99 %  
96 %  
Natural  
Renewable



- 1 Multi-layer sports floor (22mm) - 3 strip
- 2 Single batten system with PU foam included: 1026009 (1 pack of 4 units = 9.76lm, 34mm thick x 60mm wide x 2.44m long)
- 3 Tarfilm: 1027006 (roll of 40lm x 3m)

Foam colour is not contractual

## MULTIFLEX M

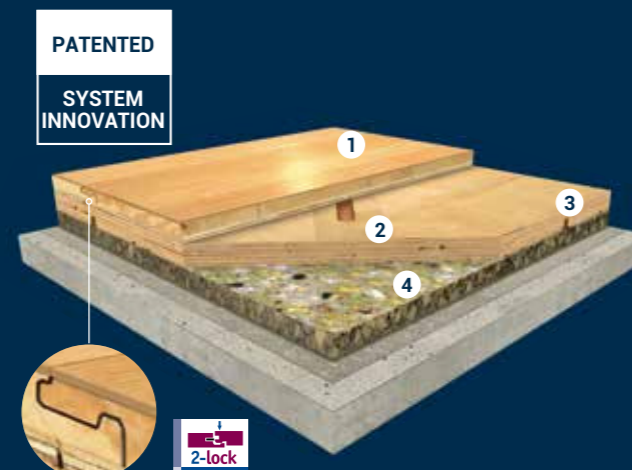


### Comfortable solution for multi-sports and leisure facilities

- Continuous sub-construction creating soft and homogeneous surface
- Good shock absorption (>55%) and vertical deformation
- Excellent underfoot comfort and acoustic insulation
- Adapted to renovation (38mm thickness)

100 %  
Recyclable

98 %  
94 %  
Natural  
Renewable



- 1 Multi-layer Sports floor (14mm) 3 strips/2-Lock interlocking system
- 2 Targlue
- 3 Tarflex: 1026004 (1 pack of 8 units = 6.05sqm, 9mm thick x 310mm width x 2.44m long)
- 4 Tarfoam 60: 1027008 (roll of 25 lm)

Foam colour is not contractual

## FLEXLOCK

NEW

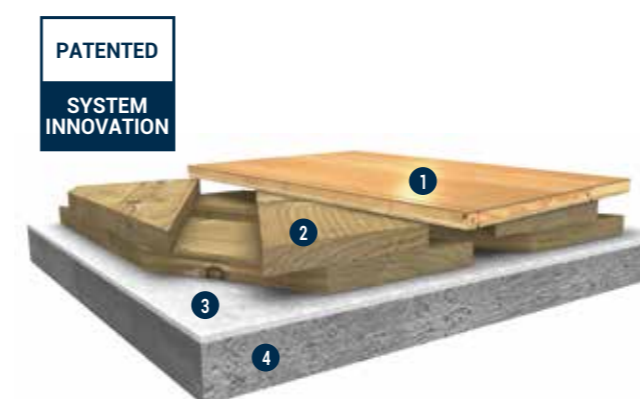


### Easy, fast and secure installation for multi-sports facilities

- Unique patented wood flooring system: Ready to assemble modules and cross air ventilation sub-floor design
- Good and uniform sports performances thanks to its engineered construction for maximized sports experience
- Good shock absorption (>50%)
- Stable and secure system thanks to its double reinforced structure and high quality foam for good dimensional stability

100 %  
Recyclable

99 %  
96 %  
Natural  
Renewable



- 1 Multi-layer sports floor (22mm) - 3 strip
- 2 Flexlock pre-fabricated module 30mm 10260010
- 3 12 mm cushion foam: 1027007
- 4 Tarfilm: 1027006 (roll of 40lm x 3m)

Foam colour is not contractual

## A FLEXLOCK success story

The TMB Basketball Club aims high. So does their new Flexlock sports surface.

Tarkett's **Flexlock flooring system** was installed in summer 2016 at the "Palais des Sports de Compans" where the professional Toulouse Métropole Basket (TMB), a **women's professional basketball club**, trains and competes. Apart from the TMB, two other basketball teams play in this stadium, an amateur basketball team and a wheelchair basketball team. Schools also come to play basketball on a regular basis. The three main expectations regarding the new sports surface were **athletic protection, comfort and performance, and easy maintenance.**



Player safety is the top priority

For the "Palais des Sports de Compans" Management team, the first and most important criteria was **athletic protection**. Basketball is a sport that carries a risk for injuries, especially as the flooring is a hard surface.

"The most important thing for us is the safety of our players on our sport surfaces"  
*Serge Abescat, Palais des Sports de Compans Managing Director*

"The flooring really absorbs shocks. I fell quite badly during a game last week but didn't get seriously injured, apart from a few bruises"  
*Lucie Carrier - TMB player*



Performance is key to the Club's success

Palais des Sports de Compans" is a place where the TMB trains to compete with other professional basketball clubs. The sport surface is a key pillar for the club's success because it can enhance athletic performance and comfort.

"With Flexlock, "the ball bounce (...) is uniform on the entire surface. This is very important for us"  
*Xavier Nogueira, TMB coach*

"The ball bounce is very good on this sports surface. The bounce of the ball is the same everywhere on the court, which is not the case in other gyms where we play"  
*Lucie Carrier - TMB player*

"I experienced good sensations on this new sports flooring."  
*Camille Cabaton, TMB player*

Easier maintenance for even better performance

The cleaning protocol used at Palais des Sports for the Flexlock surface is quite simple. They use only clear water every two or three days to get rid of dust. Every four months, a more thorough cleaning

is carried out with a detergent that is dissolved in water (10%). Due to the little use of chemical detergents, this cleaning protocol also enables cost savings and even makes maintenance more environment-friendly.

"The Flexlock surface is easy to maintain"  
*Serge Abescat, Palais des Sports de Compans Managing Director*

## PROFLEX M

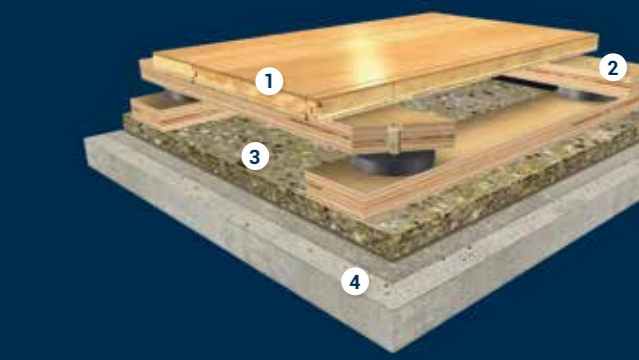


### Ideal solution for professional facilities and especially basketball competition

- Double-batten system for excellent shock absorption (60%) and consistent ball bounce
- Able to withstand frequent training sessions and use
- Reduced risk of player injuries

100 %  
Recyclable

99 %  
96 %  
Natural  
Renewable

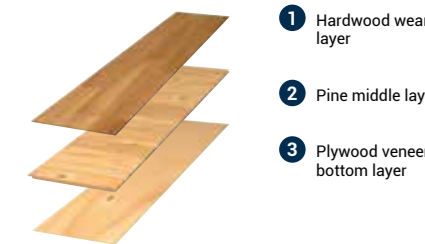


- 1 Multi-layer sports floor (22mm) - 3 strip
- 2 Double batten system with elastomeric pads 1551001 (box of 650)
- 3 Tarfoam 100: 1029009 (roll of 25 lm)
- 4 Tarfilm: 1027006 (roll of 40lm x 3m)

Foam colour is not contractual

## OUR S'MATCH-IT WOODS

Our wood sports systems are multilayered offering outstanding technical properties and a more favorable environmental impact.



Collection	Colour reference	Order code
REFLEX M EVOLUTION	22 mm multi-layer Beech 22 mm multi-layer Oak	8786005 8787006
MULTIFLEX M	14 mm multi-layer Beech 14 mm multi-layer Oak	8771003 8772003
FLEXLOCK	22 mm multi-layer Beech 22 mm multi-layer Oak	8786005 8787006
PROFLEX M	22 mm multi-layer Beech 22 mm multi-layer Oak	8786005 8787006

### Highly durable

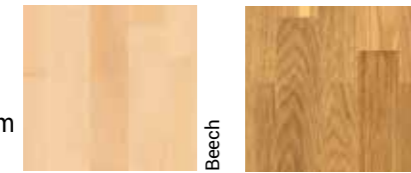
- Tarkett's multilayer construction ensures good stability. The system is less sensitive to temperature variations and humidity and protects against swelling, shrinking and cracking for optimum player comfort, safety and performance.
- Long lifespan thanks to thick wear layer (3.5mm)

### Environmental advantages

- Low environmental impact & sustainable solution:
  - Use of 4 times less slow growing hard wood required than a comparable solid surface

### Design

- 3-Strip wood design
- Beech and Oak decor
- Available in 14 and 22 mm



## OUR PROTECTION SOLUTIONS

We provide protective floorcoverings to transform any sports facility into temporary exhibition or event areas.

### Protectiles+

#### Textile floor tile protection

- Effective solution to protect your floor from heavy weights and furniture (podium, stages etc.)
- Easy to install (less than 1.5 hour to install 1000m<sup>2</sup>) with dedicated Protectiles trolley (capacity 100 tiles)
- Easy to maintain
- Format: 1 x 2m tiles

Protectiles	Order code
Anthracite	44003 000
Light Grey	44003 001
Dark Brown	44003 002
Night Blue	44003 003
Red	44003 004
Green	44003 005
Orange	44003 006

### Touchdown

#### PVC floor roll protection

- Cost-effective solution to protect your floor from foot traffic and light weights
- Can be also used during structural work
- Easy to install
- Ultra-resistant to wear and tear
- Format: 2 m x 10lm - 40lm

Touchdown	Order code
Grey	3964 001
Beige	3964 002
Green	3964 003

## NEW S'MATCH-IT SPORTS LACQUER

- Improved fire performance: C<sub>fl</sub>-s1
- Enhanced friction according to EN 14904 sports standard
- UV hardened in factory, ready to use (no need to apply varnish)
- Easy to clean and maintain
- Extremely hard wearing
- Scratch resistant
- No organic solvents



## SPORTS FLOORING FINISHING ACCESSORIES AND PROTECTION



### Wood ventilated skirtings

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

Wood Ventiladed Skirting (standard)	Wood Ventiladed Skirting (wide)	Wood Ventiladed Skirting (standard)	Wood Ventiladed Skirting (wide)
1 box of 5 units=11.75 lm	1 box of 4 units=9.40 lm	Oak varnished	1551067
Thickness: 22mm	Thickness: 27mm	Beech varnished	1551065
Width: 65 mm	Width: 84 mm	Maple varnished	1551069
Length: 2350mm	Length: 2350mm		1551070



### Trapdoors for Wood range

	Diameter 135mm (net opening 90mm)	Diameter 220mm (net opening 170mm)
Oak	1551028	1551029
Beech	1551030	1551031



### Transition set

Facilitates access to wood or combined sports systems (up to 40mm high). Made of exotic wood for extreme resistance.

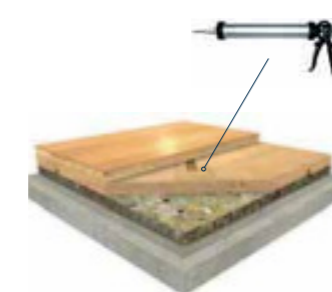
40mm x 2700mm  
5.4lm per bundle  
Article code: 1551072



### Adjustable ramp

Aluminium adaptable ramp even for high thickness floorings. Conforms to accessibility standards and regulations.

140 x 960 mm  
Order per unit / Max Height 100mm  
Article code: 1551074



### Installation kit for Multiflex M

Targlue (PU mastic glue) and Targun have been specifically designed for the installation of Multiflex M. Used together, Targlue and Targun enable installers to fix the Tarflex subconstruction to the 14 mm multilayer.

**Targlue**  
1 cardboard of 20 bags of 600ml each  
1 cardboard = 200sqm  
Article code: 1551006

**Targun**  
order per unit  
Article code: 1551007

## TECHNICAL DATA SHEET

TECHNICAL DATA	STANDARD	REFLEX M EVOLUTION	MULTIFLEX M	FLEXLOCK	PROFLEX M
<b>SPECIFICATION DATA</b>					
Qualitative wood sports indoor surface is essential to the practice and sport development, especially for basketball, volleyball, handball, squash, dance and fitness. Over the years, Tarkett Sports has considerably improved the quality and sophistication of its wood solutions including the sub-structure. Tarkett Sports currently offers four different types of wood sports surfaces available in different species: Reflex M Evolution, Multiflex M, Flexlock and Proflex M.					
<b>CLASSIFICATION</b>					
Type of floor covering	EN 14904	Area elastic wood floorings			
<b>TECHNICAL CHARACTERISTICS</b>					
Total weight	EN ISO 23997	15.90 kg/m <sup>2</sup>	16 kg/m <sup>2</sup>	22.26kg/m <sup>2</sup>	20kg/m <sup>2</sup>
Width	EN ISO 24342	194mm	194mm	194mm	194mm
Length	EN ISO 24341	2 520mm	2 281mm	2 520mm	2 520mm
Total thickness	EN ISO 24340	56mm	38mm	64mm	88mm
Wear Layer thickness	EN ISO 13647	3.5mm	3.5mm	3.5mm	3.5mm
<b>REQUIREMENTS FOR SAFE USE</b>					
Friction/Slipperiness	EN 13036-4	80 - 110	80 - 110	80 - 110	80 - 110
Shock absorption	Average measured value EN 14808 requirement	A4 ≥ 55% < 75%	A4 ≥ 55% < 75%	A3 ≥ 40 < 55%	A4 ≥ 55% < 75%
Vertical deformation	Average measured value EN 14809 requirement	A4 ≥ 2.3mm < 5.00mm	A4 ≥ 2.3mm < 5.00mm	A3 ≥ 1.8mm < 3.5mm	A4 ≥ 2.3mm < 5.00mm
Specular gloss	EN ISO 2813	compliant	compliant	compliant	compliant
<b>TECHNICAL PERFORMANCES</b>					
Vertical ball behaviour	EN 12235	≥ 90%	≥ 90%	≥ 90%	≥ 90%
Reaction to fire	EN 13501-1	C <sub>s</sub> -s1	C <sub>s</sub> -s1	C <sub>s</sub> -s1	C <sub>s</sub> -s1
Resistance to wear	EN ISO 5470-1	< 80mg	< 80mg	< 80mg	< 80mg
Resistance to indentation	Average measured value EN 1515 requirement	compliant < 0.5mm	compliant < 0.5mm	compliant < 0.5mm	compliant < 0.5mm
Resistance to a rolling load	EN 1569	compliant	compliant	compliant	compliant
Resistance to impact	EN 1517	compliant < 0.5mm	compliant < 0.5mm	compliant < 0.5mm	compliant < 0.5mm

The above information is subject to modification for the benefit of further improvement (10/2018).



## S'Match-it

WOOD SPORTS SURFACE

When performance matches innovation

## PROVIDING THE PERFECT SOLUTION FOR YOUR INDOOR SPORTS PROJECT

We're continuously working at improving sports surfaces to meet the priorities of sportsmen and women in their different playing environments. Working with international sports bodies, we have focused on the technical characteristics that deliver the ultimate surface experience – from shock absorption that reduces impact stress to surface friction that improves player's foot to floor grip of players and ball rebound for consistent playability. This expertise enables Tarkett Sports to manufacture and provide sports surfaces that target the specific design and performance requirements of different profiles of users across a range of physical activities.

Tarkett Sports is the only solution provider to offer a truly segmented approach for the requirements of all indoor sports activities. Whatever your project, Tarkett Sports always has a flooring solution. For every area, we help you find the right product to meet your requirements.



LEISURE



COMPETITION LEVEL



EDUCATION

### Excellent reasons to choose Tarkett S'Match-it

- ✓ Shock absorption performance 53% to 60%
- ✓ 4 different thicknesses in order to conform to different subfloor heights for easier and faster installation
- ✓ Easy to install with unique patented 2-lock (14mm) [T&G (22mm)] system
- ✓ Easy to maintain
- ✓ Extremely durable and safe thanks to our Sports Laquer surface treatment
- ✓ Sustainable solution: multi-layer system: using 4 times less slow growing hard wood than a comparable solid surface
- ✓ Low VOC emissions (< 10 µg/m<sup>3</sup>)
- ✓ REACH compliant and CE marking

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