

## REFLEX M EVOLUTION

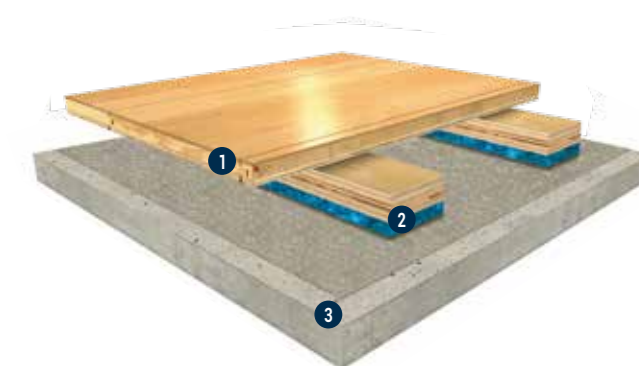


### Dynamic system for multi-sports facilities

- 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 = 9.76m, 34mm thick x 60mm wide x 2.44m long)
- 3 Tarfilm: 1027006 (roll of 40m x 3m)

Foam colour is not contractual

## MULTIFLEX M

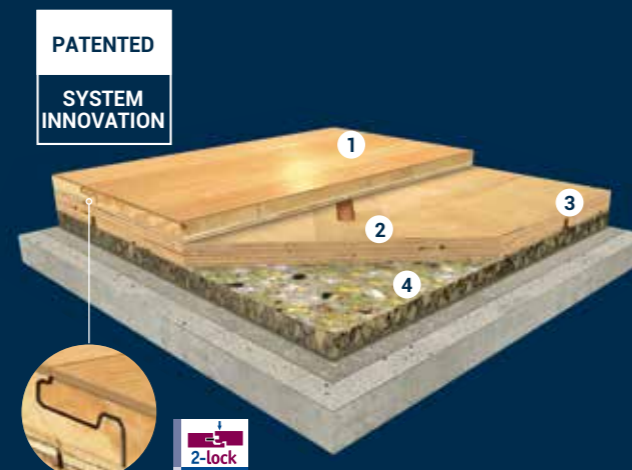


### Comfortable solution for multi-sports and leisure facilities

- 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

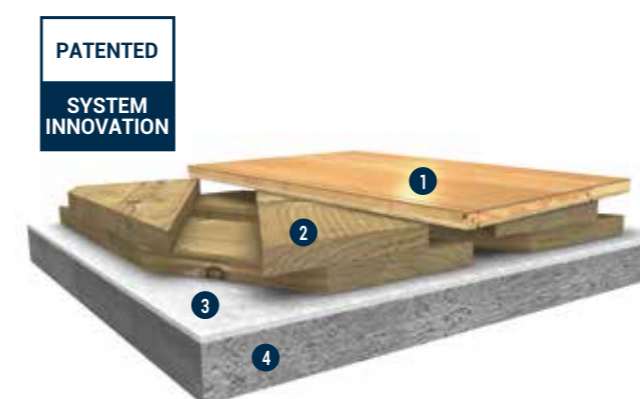


### Easy, fast and secure installation for multi-sports facilities

- 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 1026010
- 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.**

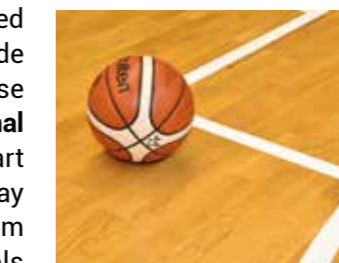


Player safety is the top priority

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

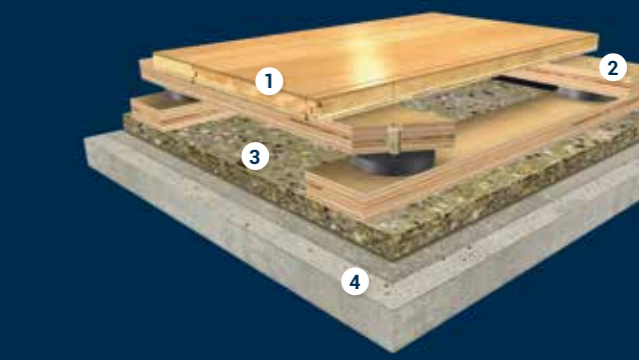


### Ideal solution for professional facilities and especially basketball competition

- 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

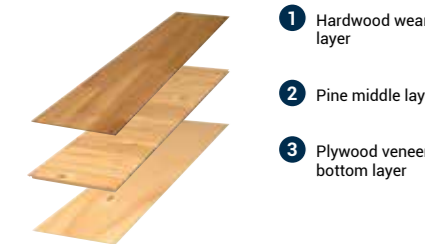


- 1 Multi-layer sports floor (22mm) - 3 strip
- 2 Double batten system with elastomeric pads 1551001 (box of 650)
- 3 Tarfoam 100: 1029009 (roll of 25 lm)
- 4 Tarfilm: 1027006 (roll of 40lm x 3m)

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<br>22 mm multi-layer Oak | 8786005<br>8787006 |
| MULTIFLEX M        | 14 mm multi-layer Beech<br>14 mm multi-layer Oak | 8771003<br>8772003 |
| FLEXLOCK           | 22 mm multi-layer Beech<br>22 mm multi-layer Oak | 8786005<br>8787006 |
| PROFLEX M          | 22 mm multi-layer Beech<br>22 mm multi-layer Oak | 8786005<br>8787006 |

### Highly durable

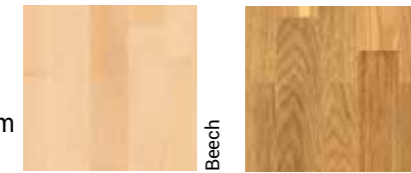
- Tarkett's multilayer construction ensures good stability. The system is less sensitive to temperature variations and humidity and protects against swelling, shrinking and cracking for optimum player comfort, safety and performance.
- Long lifespan thanks to thick wear layer (3.5mm)

### 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

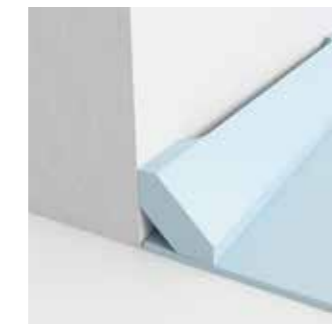
| Touchdown | Order code |
|-----------|------------|
| Grey      | 3964 001   |
| Beige     | 3964 002   |
| Green     | 3964 003   |

## 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 Ventilating Skirting (standard)                                           | Wood Ventilating Skirting (wide)                                              | Wood Ventilating Skirting (standard)                                        | Wood Ventilating Skirting (wide) |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------|
| 1 box of 5 units=11.75 lm<br>Thickness: 22mm<br>Width: 65 mm<br>Length: 2350mm | 1 box of 4 units=9.40 lm<br>Thickness: 27mm<br>Width: 84 mm<br>Length: 2350mm | Oak varnished 1551067<br>Beech varnished 1551065<br>Maple varnished 1551069 | 1551068<br>1551066<br>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.

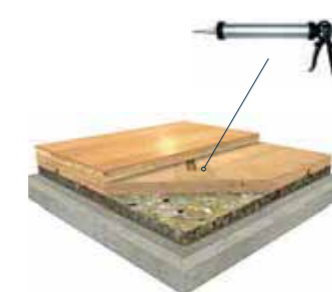
40mm x 2700mm  
5.4lm per bundle  
Article code: 1551072



### 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.

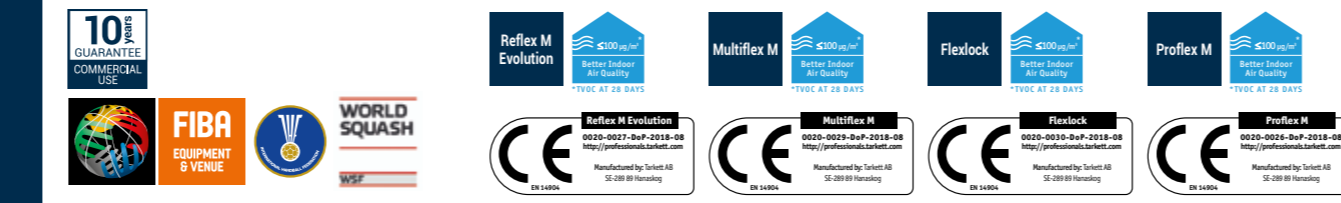
**Targlue**  
1 cardboard of 20 bags of 600ml each  
1 cardboard = 200sqm  
Article code: 1551006

**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<br>≥ 55% < 75%           | A4<br>≥ 55% < 75%      | A3<br>≥ 40 < 55%       | A4<br>≥ 55% < 75%      |
| Vertical deformation                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Average measured value EN 14809 requirement | A4<br>≥ 2.3mm < 5.00mm      | A4<br>≥ 2.3mm < 5.00mm | A3<br>≥ 1.8mm < 3.5mm  | A4<br>≥ 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>fl</sub> -s1         | C <sub>fl</sub> -s1    | C <sub>fl</sub> -s1    | C <sub>fl</sub> -s1    |
| Resistance to wear                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EN ISO 5470-1                               | < 80mg                      | < 80mg                 | < 80mg                 | < 80mg                 |
| Resistance to indentation                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Average measured value EN 1515 requirement  | compliant<br>< 0.5mm        | compliant<br>< 0.5mm   | compliant<br>< 0.5mm   | compliant<br>< 0.5mm   |
| Resistance to a rolling load                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EN 1569                                     | compliant                   | compliant              | compliant              | compliant              |
| Resistance to impact                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EN 1517                                     | compliant<br>< 0.5mm        | compliant<br>< 0.5mm   | compliant<br>< 0.5mm   | compliant<br>< 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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