



## SPECIFYING SPORTS FLOORING FOR SPORTS HALLS

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**Gerflor**<sup>®</sup>  
theflooringgroup



# TARAFLEX®

## SPORTS FOR ALL SITUATIONS

From the youngest use to Olympic standard, Taraflex is fit for all.

Taraflex® is an indoor synthetic sports flooring range that is ideal for every level of performance. It is widely recognised and used within the education, community, leisure and health and fitness sectors. Over 6 million children everyday enjoy the benefits of Taraflex® sports flooring.

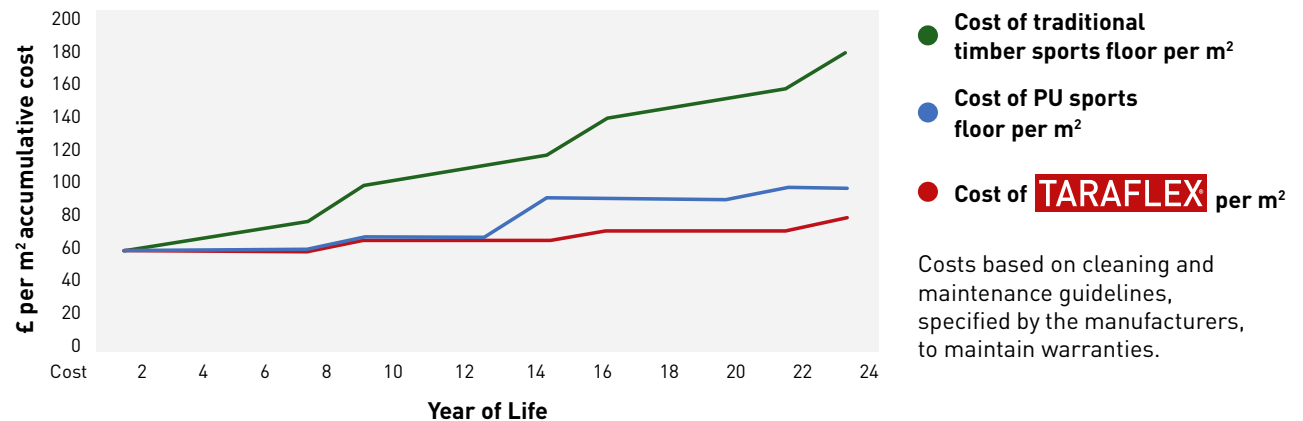
When sport is the main use, Taraflex® should be the main consideration. A sports surface that offers both long term protection and instant impact protection for every single player, whether they be six months old or six time Olympians. Gerflor also understands that with a sports hall normally being a large space, it can also be used for non-sporting activity. Taraflex® is used every day, all around the world for both non sport and sporting use, proving itself to be a great all rounder.



## COST COMPARISON

Taraflex® delivers significantly reduced life cycle costs when compared to other types of sports flooring. This is achieved through innovative surface treatments removing the need for heavy maintenance during its life span.

Simulated cost comparison excluding routine cleaning



# Taraflex® the perfect choice for your sports hall.

## Gerflor innovation at the forefront

Gerflor's continual investment in research and development has earned us our reputation as a key innovator in the marketplace. Our sports flooring products are perfect for most activities including exercise, elite sports play and also multi-use purposes. Our floors provide a safe environment for the youngest users right through to adults and have been fitted at every Olympic games since 1976. More than 60 million square metres have been installed world-wide and over six million children play on Taraflex® floor everyday.

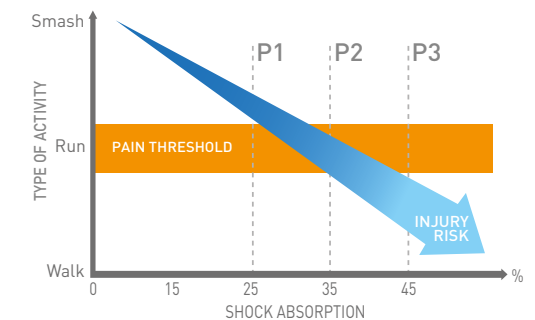
**Our primary aim when specifying the floor was to provide a world class surface for both indoor hockey and cricket. The Taraflex® Performance floor has now been down for over 2 years and we are extremely pleased with it.**

Jayne Scott-Kilvert  
Manager, Polo Farm Sports Club

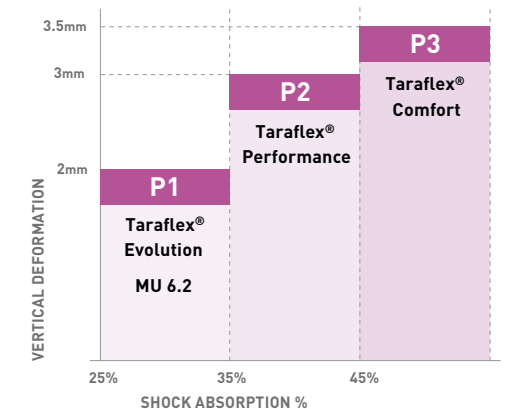


## For Safety

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



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





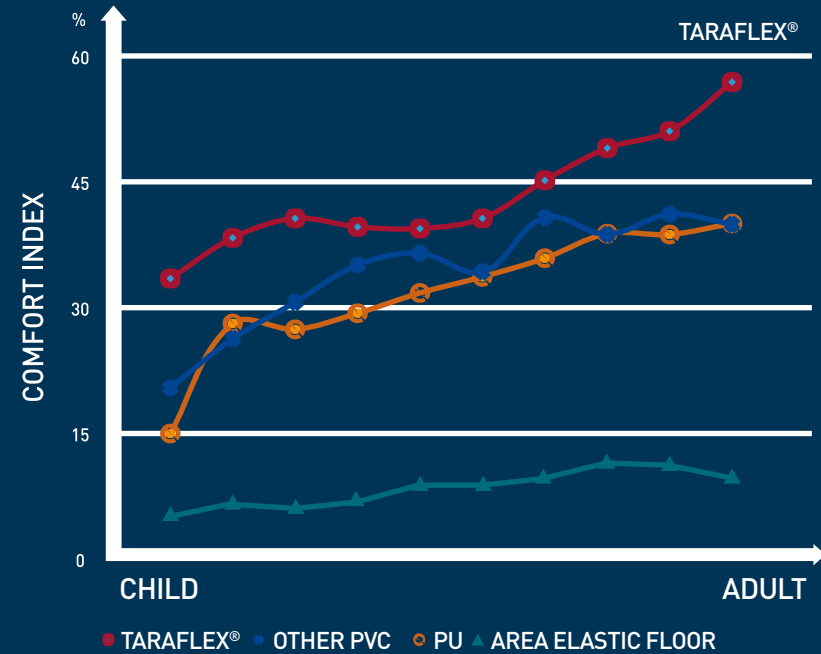
## Protection

What was once a subjective matter, the level of protection can now be measured thanks to revolutionary Independent studies conducted by one of France's leading Universities. The conclusion confirmed that the Taraflex® range offers the highest level of comfort for users with comfort relating directly to protecting the children when compared to other surfaces.

With discomfort being the main reason for non-enjoyment of sport and exercise, Taraflex® floors assist more than any other floor to ensure that people enjoy their experience of exercising safely. Yet again, Gerflor's continued strive for improvement

ensure that floors continue to protect even the youngest users on the floor, whilst also aiding elite sports men and women. It is inevitable that when people are active, they will fall. Children are even more likely to experience contact with the floor due to lesser developed motor skills, less technique when playing sports and also a more care free attitude.

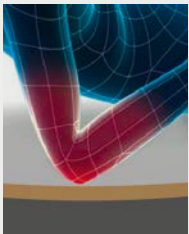
This highlights the need for the floor to protect. We continue to see the message about reducing and recognising concussion injuries so a good start is to install floors that offer an element of point elasticity to reduce that risk.



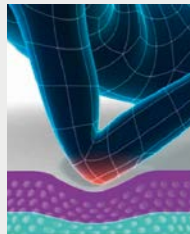
## IPI

= IMPACT PROTECTION INDEX

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



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

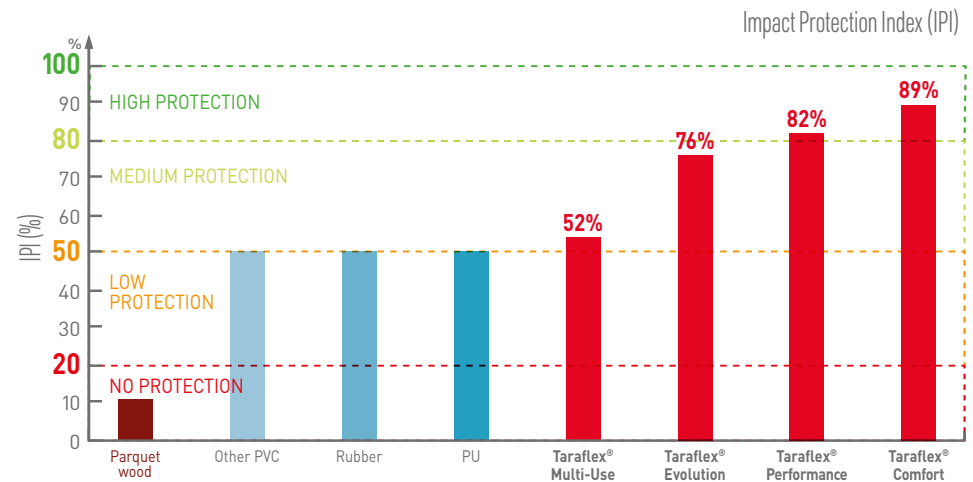


High impact surface area, **high IPI floors**

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

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

## Taraflex® ranges offer high performing IPI



### SOURCES:

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

# FAQs

## “Which Taraflex floor will best suit my needs?”

For all facilities you should list your activities and then decide if any have priority over any other. There is not a single indoor sport than cannot be played on a Taraflex® sports floor. See our specification guide online or contact us to see which floor suits your specific needs.

## “Once the floor is installed what is needed to maintain the floor?”

One of the biggest benefits of Taraflex® floors is the reduced maintenance requirements. With a surface treatment lasting the life of the material, only periodic cleaning is required. No sanding, sealing, polishing every two to three years, unlike alternative floors. This eliminates costly works and the inconvenience of shut down. Taraflex® compared to more traditional floors will have a significantly lower whole life cost.

## “Does the shock absorption figure indicate how the floor will protect players?”

This figure should not be confused with Impact protection. Impact injuries are far more likely to cause injury to more players, more frequently. The impact protection is an important factor that should be considered. In sport in general, head injury concern is becoming more talked about and specifying a point elastic floor can help in reducing such injuries in the same way that soft flooring has revolutionised injury prevention in outdoor play areas.

## “I have seen other floors which show higher shock absorption figures, I presume these are better?”

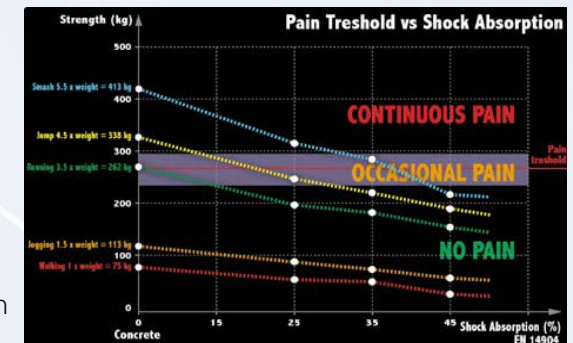
The shock absorption figure uses an elite athlete as its model. Not all users will receive the published amount of shock absorption, school age users for example do not exert as much force so the floor will behave differently. With a Taraflex® floor, the floor starts to protect with the smallest amount of force. The headline figure will be lower but it will be more relevant to the users.

## “I think we do prefer a softer floor but are concerned about how durable the floor is for non-sporting use”

With around 70% of sport in the UK played in an Educational property, Gerflor understand that larger spaces are often used for non-sports gatherings. For decades, the foam technology in Taraflex® has meant that on such occasions there are no problems. Tables, chairs, high heels are all used daily somewhere in the country. If Taraflex® could not stand up to this use then simply they would not be used as widely as they are.

## “So how much shock absorption /force reduction do I need?”

The EN14904 standard states that a floor should have 25% as a minimum. A floor with this level should eliminate pain for an adult when running. A child will need less shock absorption due to them weighing less but 25% still should still be the minimum. The chart shows the reduction of pain linked to shock absorption. It is worth noting the weights associated, so you can see how effective Taraflex® floors are between 25% and 45%. They can reduce pain and injury potential for the vast majority of users.



# Taraflex® colour range

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6350 - Light Cherry Design



6375 - Wood Oak Design



6381 - Maple Design



5741 - Sugar Maple

Please contact us to check current stock details for immediate delivery.

Custom roll lengths are available between 12lm and 26.5lm in 0.5lm increments.

My Taraflex® allows for bespoke colours or digitally printed designs to further enhance the design opportunity. Contact us for further details.



6570 - Mint Green



6557 - Forest



6559 - Spring



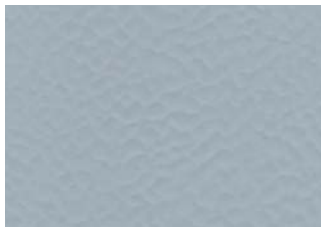
6347 - Beige



6873 - Anthracite



3764 - Taupe



6758 - Silver Gray



6445 - Lagoon



6430 - Blue



2404 - London Light Blue



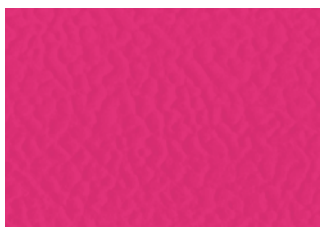
6431 - Teal



6211 - Gold



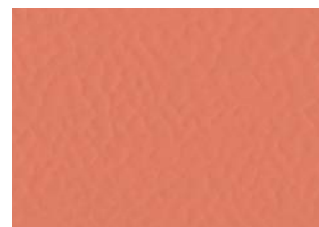
6038 - Terracotta



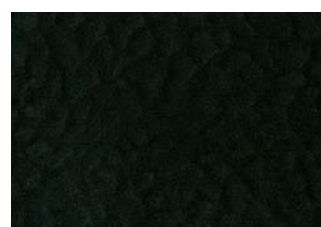
6159 - Pink



6180 - Red



6146 - Coral



6830 - Black



# Gerflor, an eco-responsible player

## 1 Indoor air quality

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



## 2 Energy saving

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



## 3 Reduced maintenance costs

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



## 4 A proactive post manufacturing waste management

- Made from 30% recycled vinyl
- 100% recyclable



## 5 A second life programme for post installation waste

Re-use of post installation waste and redundant materials.



## 6 Selected and responsible raw materials

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



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Committed to sustainable development

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