

Kährs

QUALITY IN WOOD SINCE 1857



ACTIVITY FLOOR

HEALTHY FLOORS FOR A HEALTHY LIFESTYLE

Running, bouncing, spinning, twisting and turning are a part of maintaining a healthy lifestyle, however these activities can result in sprains and torn ligaments. Choosing the right floor with the proper amount of stiffness, yielding and resistance will help lessen the chances of injury.

Kährs Activity Floor is the result of long-term research – it combines excellent energy-absorbing qualities with durability and good looks. It creates an optimal surface for all types of sports and the patented construction promotes fast, simple installation.



ACTIVITY FLOOR

THERE IS MORE TO THE KÄHR'S ACTIVITY FLOOR THAN MEETS THE EYE

On Kährs Activity Floor, the absorption material and reinforcements are already fitted to the underside of the board, while the patented Woodloc® system provides perfect joints between the boards. The result is an even surface with optimal shock protection, counteracting injuries when running, landing or falling during intense activity.

Kährs Activity Floor is easy to install and uninstall. It can be laid directly over a moisture barrier and the subfloor without the time-consuming and complicated construction of floor battens or special fittings. This also enables easy and fast installation on temporary surfaces for competitions, training, or displays. Available in Oak, Beech, and Maple, Kährs Activity Floor is as attractive as it is functional. Due to its glueless construction, it can be removed and reinstalled in another location.

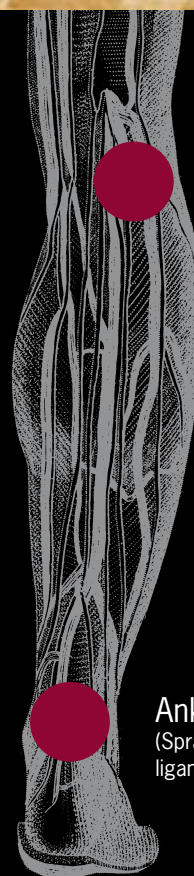
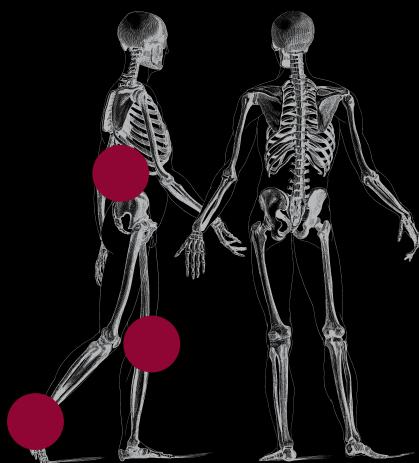
COMMON INJURIES ON SYNTHETIC FLOORS

Mass >70Kg



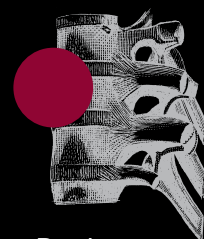
Speed

Gravitation



Knee
(Sprains and torn ligaments)

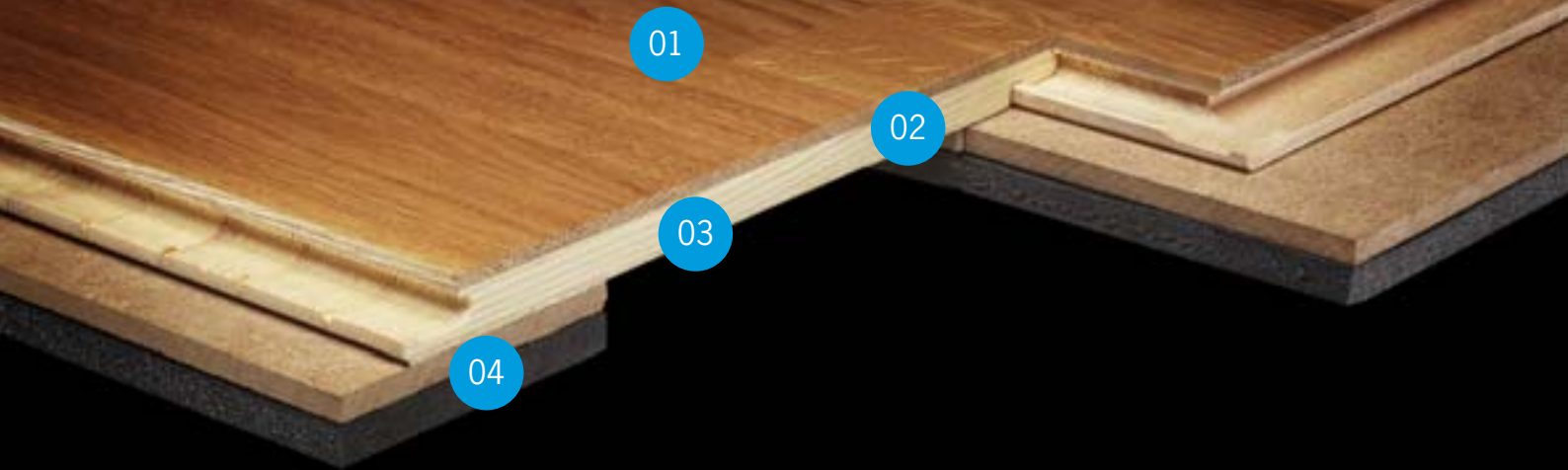
Ankle
(Sprains and torn ligaments)



Back
(Sprains and torn ligaments)

A number of studies show a strong relationship between sports injuries and flooring material. With synthetic floors there is a 70 percent increase in the incidence of injuries due to friction. A synthetic floor does not give as much in reaction to sudden, powerful movements – such as starting and stopping quickly. This can result in sprains and torn ligaments in knees, ankles and backs.

KÄHRS ACTIVITY FLOOR CONSTRUCTED FOR SAFETY AND DURABILITY



01 SURFACE

High quality UV Cured Acrylic Urethane finish to withstand wear and tear.

02 WOODLOC®

A strong joint is a prerequisite for a long-lasting flexible floor. The Woodloc® joint withstands more than 10 kN/m in tensile strength.

03 MIDDLE LAYER STABILITY

An engineered board construction designed to minimize the wood's natural movement.

04 ENERGY ABSORPTION

Several layers of dense, polyether foam remains flexible over a long period of time with progressive hardness for effective energy absorption.

TWO INNOVATIONS:

ALL-IN-ONE

Unlike "ordinary" wood floors for sports and activities, the absorption and reinforcement materials are already fitted to the back of the board. This means the floor can be laid directly over a moisture barrier and the subfloor without the time-consuming and complicated construction of floor boards or special fittings.

THE WOODLOC® JOINT

Kährs Activity Floor is easy to install, thanks to the patented glueless Woodloc® joint. Woodloc® effectively locks the boards together, creating a perfect installation and virtually gapless floor. The glueless installation makes it possible to uninstall and then reinstall it elsewhere. The combination of Kährs and Woodloc® makes it the strongest joint on the market.



**50% FASTER INSTALLATION THAN
ORDINARY SPORTS FLOORS**



01 The traditional way...



02 ...the Kährs way.

MEET SOME OF OUR CUSTOMERS

Safety, durability, and ease of installation made Kährs Activity Floor the number one choice for owner's of sports facilities and dance studios all over world. Kährs has installed the Activity Floor in 48 countries, from America to China. It has been tried and approved by professional athletes, dancers, aerobics enthusiasts and gymnasts.

Meet some of our customers.



Customer #1



QUALITY AND SAFETY MADE FISAF CHOOSE KÄHRS ACTIVITY FLOOR

FISAF, Federation of International Sports, Aerobics and Fitness Inc., is an international, independent, non-profit federation dedicated to sports aerobics and the development of the aerobic/fitness industry. FISAF has chosen Kährs as the official sports floor supplier for World and European Aerobics Championships through to 2011.

“The installation system and the whole Activity Floor product is a unique article in the field of fitness floors, which suits us, as we always like to be forerunners.” “Positive feedback from competitors, coaches and so called heavy users – FISAF training instructors – also had a great influence on our decision”, says Riitta Hämäläinen-Bister, FISAF Secretary General.

Customer #2



BETTER SWEDISH BASKETBALL ON KÄHRS ACTIVITY FLOOR

The owner of Östersund Sports Hall in northern Sweden wanted a new floor for the coming international basketball game between Sweden and Yugoslavia. The city's local basketball club KFUM Jämtland Basket, which plays in Sweden's highest division, wanted a wood floor which answered to their high demands on stiffness and shock absorbency.

The solution: Kährs Activity Floor. “As Kährs Activity Floor is so easy to lay, we installed 10 745 sft of floor in less than a week, which meant that the hall was ready in plenty of time for the event. The local players were also happy, as they got a wood floor that they enjoy playing on”, says Bengt Erik Björch, Östersunds kommun.

REFERENCES

City	Location	Type	Size
Hägersten, Sweden	Telefonfabriken	Gymnastics/ Aerobics	1582 sq. ft.
Lidingö, Sweden	Högsåtra School	Dance	1227 sq. ft.
Malmö, Sweden	Centrum För Hälsa	Aerobics	4305 sq. ft.
Nacka, Sweden	Ektorps Gym	Boxing	1216 sq. ft.
Nacka, Sweden	Nacka Ju-Jitsu Klubb	Jujitsu	2798 sq. ft.
Norrköping, Sweden	Hälsostudion	Aerobics	1410 sq. ft.
Sollentuna, Sweden	Pfizer	Keep-fit room	2421 sq. ft.
Stockholm, Sweden	Royal Institute of Technology, Swedish National Defence College	Gymnastics	1829 sq. ft.
Stockholm, Sweden	Riksdagshuset	Floorball	1517 sq. ft.
Uppsala, Sweden	Fyrishov Sportanläggning	Dance/Gymnastics	5920 sq. ft.
Vällingby, Sweden	Vinsta Dansstudio	Dance	710 sq. ft.

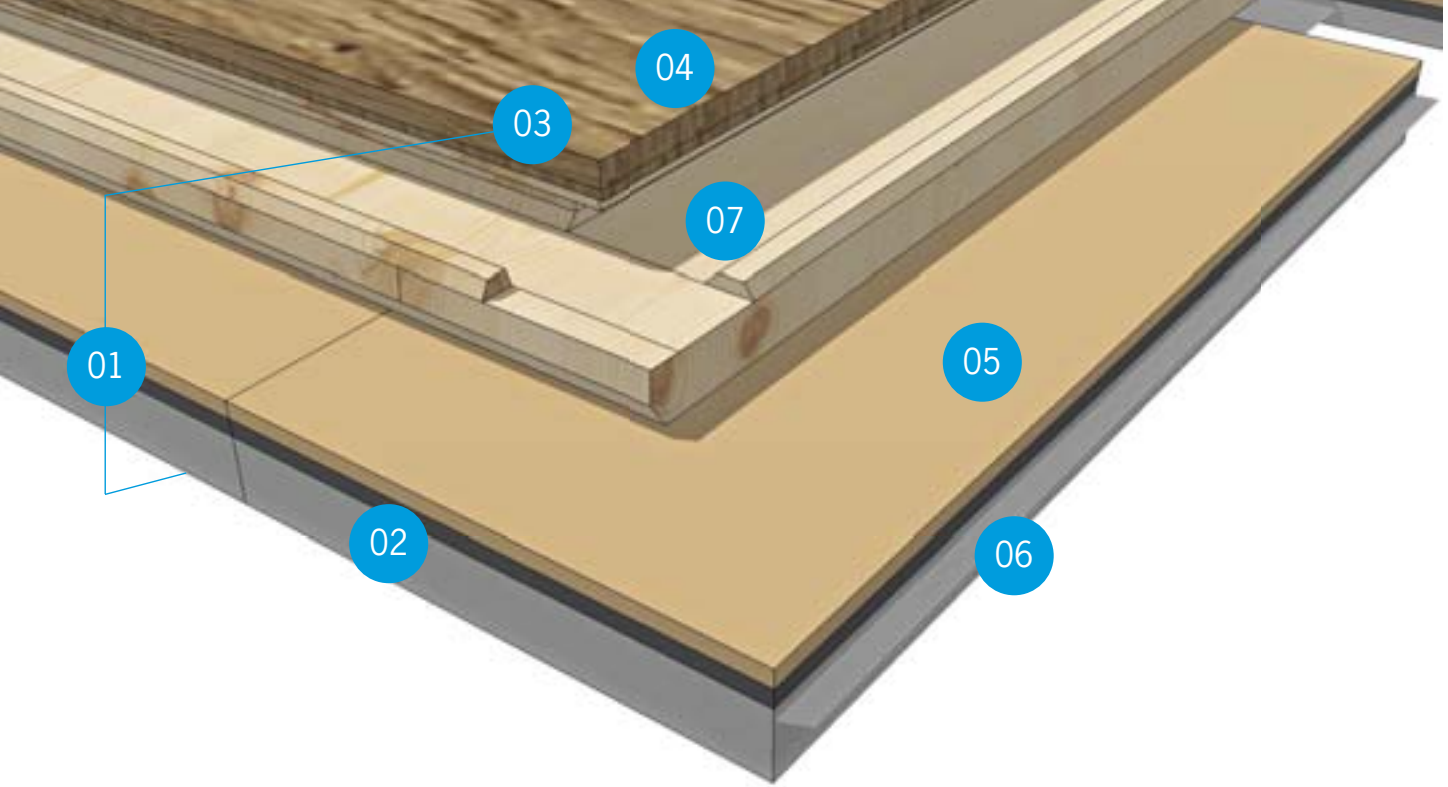
City	Location	Type	Size
Frederick, MD, USA	24-7 Dance Studio	Dance	861 sq. ft.
Lake Mary, FL, USA	Fusion Fitness	Pilates/Personal Training studio	324 sq. ft.
Parker, CO, USA	Colorado School of Dance	Dance	925 sq. ft.
Cheyenne, WY, USA	Fitness One	Fitness	936 sq. ft.
Granda Hills, CA, USA	Gotta Dance Studio	Dance	3218 sq. ft.
Lafayette, CO, USA	Sheree Reed Reverance Academy of Dance	Dance	2002 sq. ft.
New York, NY, USA	Sony Corporation	Fitness	602 sq. ft.
Chester, NJ, USA	The Art of Dance	Dance	1969 sq. ft.

TECHNOLOGY AND FACTS

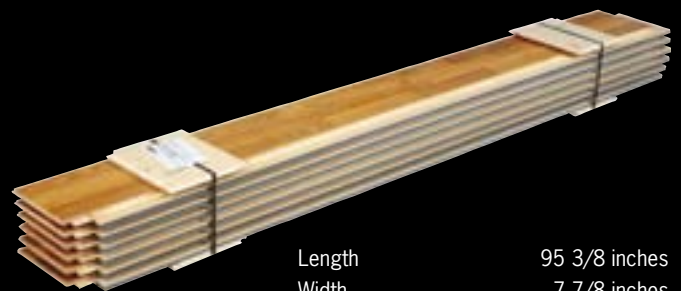
Kährs Activity Floor is the result of many years of research, perfecting each detail of its construction.

On the following pages you can read some of the hard facts behind its success along the way.





- 01 Total thickness, at just over an inch, offers very low construction height.
- 02 Laid without floor battens directly over a moisture barrier and onto a stable and even subfloor.
- 03 1/8 inch wear layer, can be sanded up to two times.
- 04 Available in Oak, Beech and Maple.
- 05 Overlapping pressure distribution with HDF board across joints on long sides and ends.
- 06 Resilient expanded foam for energy absorption and springing.
- 07 Woodloc® joint locks the boards together without glue and gives perfect results.



Length	95 3/8 inches
Width	7 7/8 inches
Sft/board	5.22
Sft/carton	20.88
Sft/pallet	668
Lbs/board	10.03 lbs
Boards/bundle	4
Cartons/pallet	32
Weight/bundle	51 lbs

NOTE: North American commercial installations require authorized installers.

PRODUCTS

By buying products with an FSC label you are supporting the growth of responsible forest management worldwide.



All products in Kährs Activity Floor range are from FSC Mixed Sources.

Oak Activity Floor
303N19EK50KW 0

Beech Activity Floor
303N55BK50KW 0

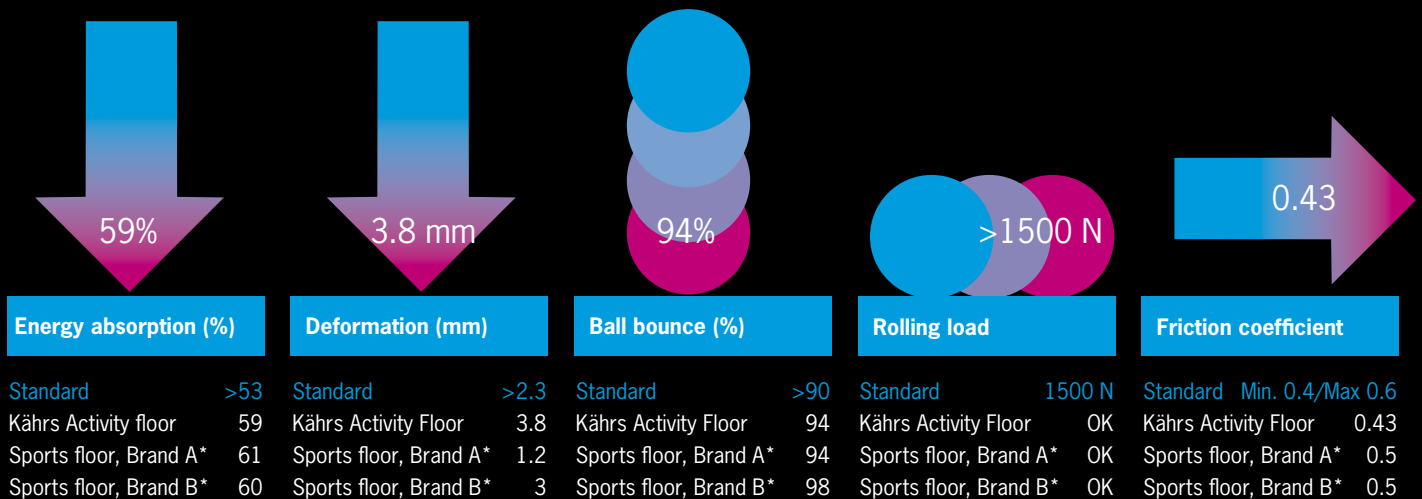
Maple Activity Floor
303N15AP50KW 0



SO, HOW DOES IT PERFORM? MORE THAN JUST APPROVED IN THEORY AND PRACTICE

Tests carried out in compliance with DIN testing by the Norwegian Building Research Institute show that Kährs Activity Floor excels in the following categories: Energy absorption, deformation, ball bounce, rolling load and friction. It was also chosen for the 2004 European Aerobics Championships in Rotterdam, Netherlands, which received much praise from the athletes. Triple world champion, Helena Nahafahik-Cardoso says that Kährs Activity Floor is "...an ideal surface that has everything a good floor needs for competition and training."

INFORMATION ABOUT KÄHRS ACTIVITY FLOOR (DIN TEST)



* According to the manufacturers own product sheet

KÄHRS 150 YEARS OF EXPERIENCE IN WOOD

For 150 years we have worked only with wood. Today, Kahrs is part of Europe's largest wood flooring manufacturer and one of the world's most innovative companies in the industry. In 1941, Kahrs' introduced the first three-layer floor construction. Sixty years later, this 3-ply construction remains the standard for the majority of all engineered floors.

Over the years, we have strived to capture the natural beauty and expression of wood. We have learned to combine this beauty with different types of leading floor technology. Kahrs Activity Floor is a perfect example of our innovations.



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