

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.

THERE IS MORE TO THE KÄHRS 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 sub-floor 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, Maple and Oak Mocha, Kährs Activity Floor is as attractive as it is functional. Due to its glueless construction, it can be removed and reinstalled in another location.



Ankle
(Sprains and torn ligaments)

Back
(Sprains and torn ligaments)

Knee
(Sprains and torn ligaments)

COMMON INJURIES ON SYNTHETIC FLOORS

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.



KÄHR'S 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.

WOODLOC® 5S

– THE NEW SUPER JOINT FOR FASTER INSTALLATION AND A STRONGER FLOOR

Kährs was the first wood floor manufacturer to introduce a mechanical glue-less joint system. In 1999 we launched

the ingenious Woodloc® system, which revolutionized the wood flooring market. The Woodloc® joint system meant that the boards, for the first time, could be locked together mechanically without using glue. In addition to producing a perfect, flat floor, it also made installations quick and simple. Thanks to the glueless installation, the boards can also be lifted at a later date and installed elsewhere. The perfect, tight fit is important for the durability of the floor.

Now we are introducing the next level of the Woodloc® joint system – Woodloc® 5s. These new joints make installation even faster and more flexible, while producing a stronger floor.



THE NEW WOODLOC® 5S
FASTER INSTALLATION
THAN ORDINARY SPORTS FLOORS



01 The traditional way...



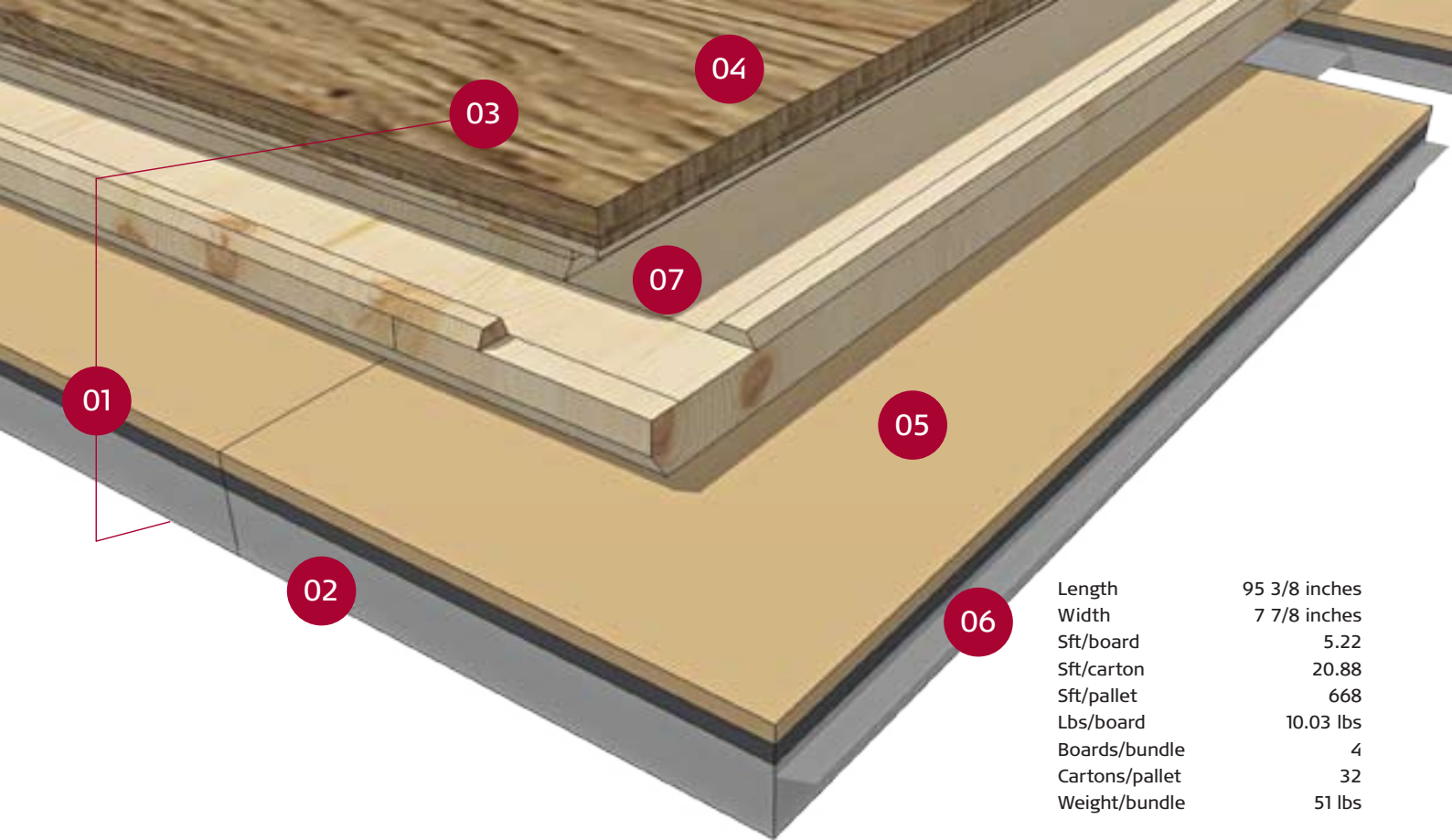
02 ...the Kährs way.

TECHNOLOGY AND FACTS

Kährs Activity Floor is the result of many years of research, perfecting each detail of its construction. The overall aim was to create a floor that benefits both users and owners.

Kährs Activity Floor is FSC certified.





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

- 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® 5s joint locks the boards together without glue and gives perfect results.

NOTE: North American commercial installations require authorized installers.

PRODUCTS

Oak Activity Floor
303N19EK50KW 0

Beech Activity Floor
303N55BK50KW 0

Maple Activity Floor
303N15AP50KW 0

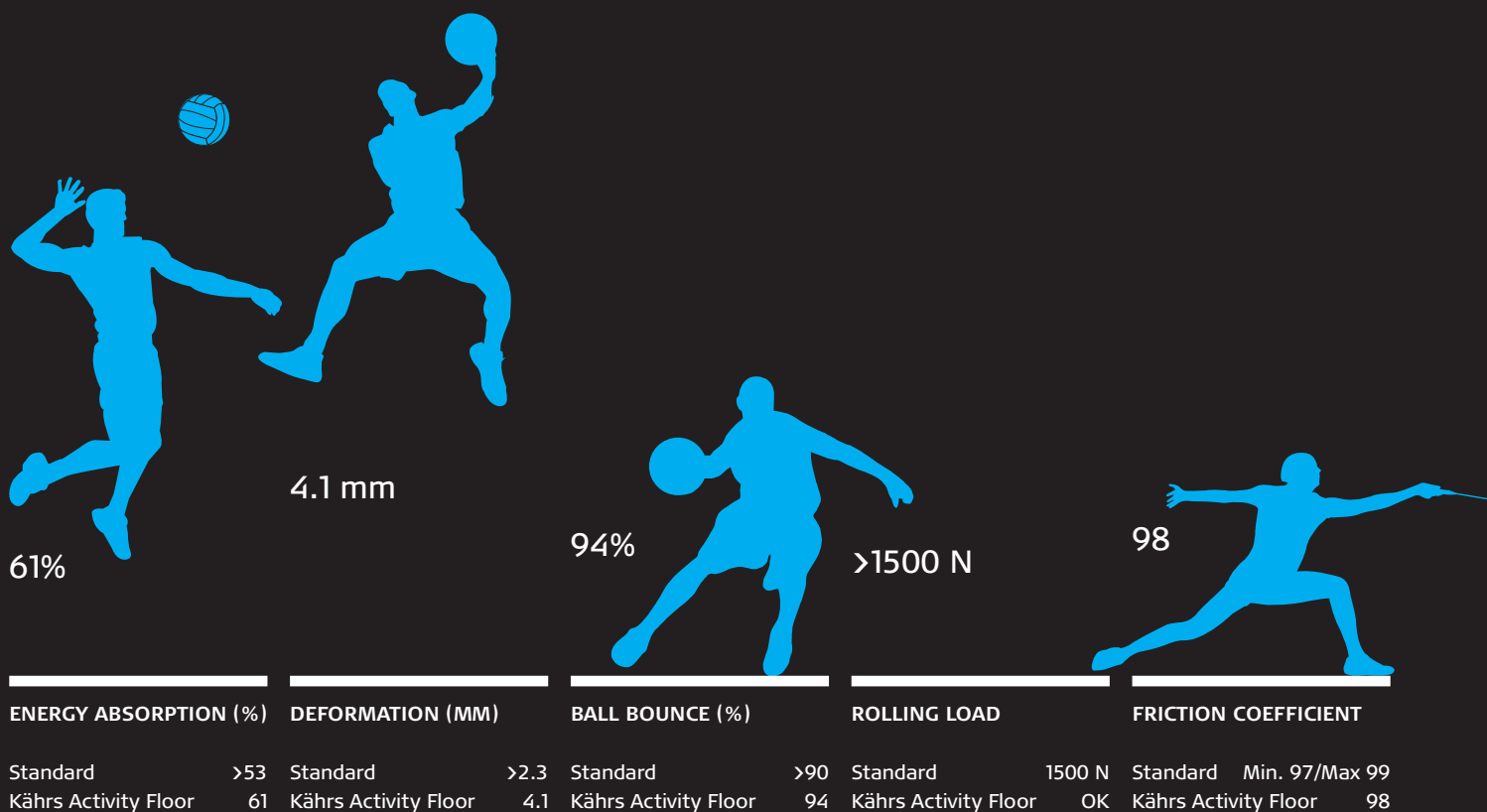
Oak Mocha Activity Floor
303N19EK5LKW 0



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

Tests carried out in compliance with NS-EN 14904 – Type 4 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 (NS-EN 14904 – Type 4 TEST)



REFERENCES

The safety aspect – combined with durability and easy installation – were some of the arguments referred to when owners of sports halls, gymnasiums and dance studios, all over the world, explained why they decided to install Kährs Activity Floor. To date, we have installed the Activity Floor in 48 countries, from America to China. It has been tried and approved by dancers, aerobics enthusiasts, boxers, basketball players and gymnasts. Owners of these sport halls have praised the easy and quick installation.





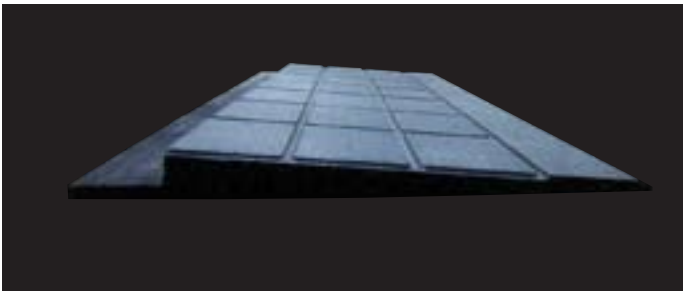
REFERENCES

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	Ju-jitsu	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.
Frederick, MD, USA	24 - 7 Dance Studio	Dance	861 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.

ACCESSORIES



Activity Floor Solid finishing profile
3 7/8" x 1 9/16", length 94 1/2". Oak, Beech, Maple and Oak Mocha



Activity Floor reducer
12 1/4" x 1 1/8", length 36". Recycled rubber, black

BEAUTY WITH A CONSCIENCE

Choosing a wood floor is being environmentally responsible. Picking one from Kährs means making an even smarter green decision. Kährs is one of the oldest manufacturers of wood floors. It is also one of the most innovative. Many of our innovations derive from our ambition to contribute to a better environment, like the launch of the multi-layer wood floor in 1941.

All man-made products affect the environment. To counteract these effects, we have adopted an ecological approach that permeates everything we do. The wood we use is almost entirely from Scandinavia and Europe, where new growth exceeds that which is harvested. In 1984 Kährs was the first manufacturer to boast an entirely solvent-free surface treatment process.

Our multi-layer construction allows us to take full advantage of each log, using fewer resources than in solid floor production. This, and other initiatives, earned Kährs the ISO 14001 environmental management certification nearly a decade ago. It is this level of dedication that allows us to create and produce floors that are not only beautiful but also contribute to the well-being of generations to come. We call it Beauty with a Conscience.

Today, there are Kährs floors in a wide range of wood species and styles. Regardless of looks, they fulfill ALL of the demands you should make if you want your flooring choice to contribute to a better environment.

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