

# Kährs

QUALITY IN WOOD SINCE 1857

## TECHNICAL SPECIFICATION

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### KÄHRS ACTIVITY FLOOR

### TOTAL INSTALLATION HEIGHT 30 MM

### Areas of application and special characteristics

Kährs 15 mm standard board with reinforcing and energy absorption properties can be used for many different types of activities, such as gymnastics, aerobics, fencing and badminton. The floor is also ideal for retail applications or workplaces where people are standing or walking for long periods.

- Dimensionally stable due to climate-controlled production processes.
- Kährs Woodloc® joint.
- Quick and simple installation due to the joint design and precision manufacturing.
- High-quality wood floors that last for many years.
- Pre-finished in UV-cured lacquer.
- Kährs UV lacquer makes the floor durable and easy to clean.
- Low total installation height of 30 mm (15 mm + 6 mm + 9 mm).

### Construction

- Kährs Activity Floor is 'patent-applied for'.
- Surface layer consists of sawn strips.
- Middle layer of solid pine strips.
- Bottom layer of spruce veneer.
- 6 mm HDF support element.
- 9 mm foam polythene/polyether resilience element.
- The floor is supplied complete with factory-fitted support and resilience elements.

### Thickness of the surface layer

- Approx. 3.5 mm.

### Surface treatment

- Pre-lacquered with UV-cured polyurethane/acrylic-based lacquer (satin approx. 30° Gardner). The lacquer is free from solvents and formaldehyde. It is durable and preserves the wood's natural character.
- Court markings can be painted directly on the treated surface in accordance with the manufacturer's instructions. The line paint must be epoxy or polyurethane, e.g. Nordsjö Epolan V.
- To reinforce the line markings, the floor can be finished with additional coats of lacquer. One or two coats of lacquer should be applied. This is particularly important when a combined machine is used for cleaning. See the lacquer supplier's instructions.

### Tests

Kährs Activity Floor has been tested and approved in accordance with DIN 18032-2 at the Norwegian Building Research Institute.

### Requirements for the subfloor

The subfloor must be dry, clean, level and solid. The requirements in HusAMA98, Table 43.DC/-1 and MDB. 3 apply. Also note our subfloor requirements. You can download the Subfloor Requirements & Underfloor Heating brochure from our Professional Website at [www.kahrs.com](http://www.kahrs.com).

### Installation

Kährs Activity Floor is laid floating. This means the boards are laid loose on the subfloor and locked together by Kährs Woodloc®. Allow for wastage of approximately 2% in normal installation, i.e. lengthways with the room. If the floor is wider than 18 m, it must be divided with an expansion gap. For more detailed information please download our Installation Guide from our Professional Website at [www.kahrs.com](http://www.kahrs.com).

### Underfloor heating

Kährs Activity Floor is suitable for installation over underfloor heating, but remember that the air gap increases the thermal resistance.

### Maintenance

For problems with slipping, and the removal of handball glue, consult our Maintenance & Repair Guide. Please download it from our Professional Website at [www.kahrs.com](http://www.kahrs.com).

### Moisture content

Moisture content when delivered:  
7 ± 2%.

### Weight

- 10 kg/m<sup>2</sup>

### Packaging

- Protective PE sheeting (recycled).

### Package contents

Width	Length	Quantity	m <sup>2</sup>
205 mm	2100 mm	4	1.72