

# Kährs

QUALITY IN WOOD SINCE 1857

## TECHNICAL SPECIFICATION

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## KÄHRS WOOD FLOOR, 15 MM

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### Areas of application and special characteristics

The 15 mm-thick standard board can be used in many different types of premises, but is most suitable for domestic applications.

- Dimensionally stable due to climate-controlled production processes.
- Kährs Woodloc®.
- Quick and easy installation due to precision manufacturing.
- High-quality wood floors that last for many years.
- Plywood at the ends, which makes the end joint stronger.
- Available in more than 40 patterns and species to suit every taste.
- Natural and individual look.
- Pre-finished with UV-cured lacquer or with nature oil, which makes the floors hardwearing and easy to clean. Detailed information about maintenance is included in our Maintenance & Repair Guide. Download it from our Professional Website at [www.kahrs.com](http://www.kahrs.com).

### Construction

1-, 2- and 3-strip boards consist of three layers. All edges of the board have the Kährs Woodloc® joint.

- Surface layer consists of sawn strips.
- Middle layer of solid pine strips.
- Bottom layer of spruce veneer.
- All 15 mm boards with Woodloc® can be combined with each other. However, ends cannot be laid at right angles to long sides.

### Thickness of the surface layer

- Approx. 3.5 mm.

### Surface treatment

- Pre-lacquered (for dry areas subject to normal wear), with UV-cured polyurethane/acrylic-based satin lacquer (approx. 30° Gardner) or matt lacquer (approx. 10° Gardner). The lacquer is free from solvents and formaldehyde. It is durable and preserves the wood's natural character.
- Pre-oiled with nature oil (for dry areas subject to heavy wear). Matt, approx. 10° Gardner. More than 98% of the raw materials in the surface treatment are renewable.

### 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 wood floors are laid floating. This means the boards are laid loose on the subfloor and locked together by Kährs Woodloc®. Allow for wastage of approx. 2% in normal installation, i.e. lengthways with the room, and approx. 8–10% when installed diagonally.

If a floor using Woodloc® joints is wider than 18 m, it must be divided using an expansion gap. An underlay that reduces impact sound must be laid under the boards. The boards can also be glued to the subfloor. Detailed installation procedures are described in our Installation Guide. Download it directly from our Professional Website at [www.kahrs.com](http://www.kahrs.com).

### Underfloor heating and thermal conductivity

Kährs 15 mm wood floors are suitable for use over underfloor heating. Thermal conductivity: approx. 0.14 W/(m\*K). Beech and Hard Maple wood floors expand and contract more than other species. Underfloor heating increases drying, which causes additional contraction. In a cold and dry climate, gaps may appear between strips and between boards. Felt paper is recommended as an intermediate layer for use with underfloor heating.

### Maintenance

Detailed information about maintenance is included in our Maintenance & Repair Guide. Download it from our Professional Website at [www.kahrs.com](http://www.kahrs.com).

### Moisture content

Moisture content when delivered:  
7 ± 2%.

### Weight

8–10 kg/m<sup>2</sup>.

### Packaging

- Protective corrugated cardboard edging (100% recycled paper).
- Protective PE sheeting (recycled).

### Pack contents

Width	Length	Quantity	m <sup>2</sup>
200 mm	2423 mm	6	2.91
205 mm	2200 mm	6	2.71
187 mm	1800 mm	6	2.02
187 mm	2100 mm	6	2.36
187 mm	2400 mm	6	2.72
175 mm	1800 mm	6	1.89
175 mm	2100 mm	6	2.21
175 mm	2400 mm	6	2.52
130 mm	1800 mm	6	1.40
105 mm	1800 mm	6	1.13