

# Kährs

QUALITY IN WOOD SINCE 1857

## TECHNICAL SPECIFICATION

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### KÄHRS LINNEA

### INSTALLATION HEIGHT 7 MM

Kährs UK Ltd  
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### Areas of application and special characteristics

Kährs Linnea is designed predominantly for domestic applications. This floor combines an attractive appearance with simple installation and a low installation height.

- Real wood surface.
- Dimensionally stable due to climate-controlled production processes and the balance between the upper and lower layers.
- One of the hardest floors in the Kährs range, due to the HDF middle layer.
- Adds only 7 mm to the floor height.
- Easy to install due to precision manufacturing and the Kährs Woodloc® joint.
- Available in more than 30 patterns and species to suit every taste.
- Natural and individual look.
- Pre-finished with UV-cured lacquer. Narrow products (except Hard Maple) are micro-bevelled on all edges.
- Durable and easy to care for.
- Surface treatments can be renovated.

### Construction

- Three-layer boards with Kährs Woodloc® on all edges.
- High-grade veneer surface layer.
- Fibreboard (HDF) middle layer.
- Wood veneer bottom layer.

### Thickness of surface layer

- 0.6 mm.

### Surface treatment

- Pre-lacquered (for dry areas subject to normal wear), with UV-cured polyurethane/acrylic-based lacquer (satin approx. 30° Gardner, 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 (for dry areas subject to normal wear) with nature oil (10° Gardner). The oil consists mainly of sunflower and rapeseed oils.

### 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 our brochure Subfloor Requirements and Underfloor Heating from our Professional Website at [www.kahrs.com](http://www.kahrs.com).

### Installation

Kährs Linnea is laid floating. This means the boards are laid loose on the subfloor and locked together by Kährs Woodloc® joint. Allow for wastage of approx. 2% when installed lengthways with the room, and approx. 8–10% when installed diagonally. If the floor is wider than 12 m, it must be divided with an expansion gap. An underlay that reduces impact sound must be laid under the boards. For example, use Kährs Tplex or felt paper as an intermediate layer.

### Underfloor heating and thermal conductivity

Kährs Linnea is ideal for installation over underfloor heating. Thermal conductivity: approx. 0.22 W/(m\*K). Felt paper is recommended as an intermediate layer for use with underfloor heating.

### Maintenance

Vacuum or damp-clean the floor as required using a well-wrung cloth. Too much water can damage the floor. 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

- 7 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>
193 mm	1225 mm	10	2,84
118 mm	1225 mm	12	1,74

Kährs 7 mm Linnea has a high-quality wood veneer surface layer, and is prefinished with the same durable lacquer as our other wood floors. When there is slight horizontal loading on Linnea, the natural hardness of the wood species determines whether there will be indentation marks. With heavier loads, it depends on the Brinell hardness of the core, which gives a relatively high value.