

PARLA® *Feel your floor*

Technical Data

ParlaFix - three layer parquet
(14 mm)



Technical data - ParlaFix

Description of the Product

All of the components of 14 mm thick ParlaFix parquet board are real wood. Parquet board is composed of three mutually supporting layers. The construction is developed durable and particularly in a way to counteract warping. The dimensional stability of ParlaFix parquet board is improved also by controlling the moisture characteristics optimally in the manufacturing process.

- Thickness of the hardwood surface layer is 3,5 mm. Surface layer consist of sawn strips - one strip or several strips.
- Intermediate layer is composed of Nordic soft-wood. The grain in the middle layer is vertical improving the parquet's durability and preventing shape changes.
- Bottom layer of spruce veneer gives support to the entire structure.
- ParlaFix parquet has joint on all edges of the board. Parquet boards can be easily and fast combined with each other by locking tongue and groove.
- Wood layers are bonded by gluing.
- Effective protection is given to top, wearing layer by surface treatment agent: lacquer or natural oil.

Dimensions

14 x205x2195 mm - Surface layer consists of hardwood strips that are 70 mm wide and 200 - 450 mm long.

14x190x2195 mm - Surface layer consist of a single 190 mm strip covering the entire board.

14x137x2195 mm - Surface layer consists of a single 137 mm strip covering the entire board.

Glue

All the layers of Parla parquet are bonded together with high quality Kiilto Kestopress 3750 PVAc glue. Kiilto Kestopress 3750 is developed especially to meet the requirements of the manufacturing of multiple layer parquet (in high frequency pressing process). Formaldehyde emission amount 0,23 mg/l (mean value) fulfils the requirements of formaldehyde class F * * * *. M1 certified.

Surface treatments

All surface treatment agents that are used are free from formaldehyde.

Lacquer

Lacquered parquet boards are finished with six layers (approximately 80 g/m²) of Becker Acroma Beckry Clear 30 lacquer in order to ensure long durability in use.

Unique AntiMicrobial and AntiScratch effects of the lacquer is based on Nano Flash Technology which gives broad activity spectrum against bacteria and fungi as well a protects surface of the parquet from scratches. It inhibits germ development and supports optimum hygiene as well as prevents microbial odour development. As microbe settles onto the surface protected with AntiMicrobial silver, in contact with microbes it transmits positive nano-charges to the microbes. The nano-discharges inhibit metabolic processes of the microbe's cell. The microbes are inactivated and are no longer able to develop.

Chemical Resistance

(1=strong changes, 5=no visible changes, no damages)

	Initial temperature of the agent (+/-5)	Duration (+/- 1)h	Chemical resistance
Distilled Water	20	24 h	5
Detergent	20	24 h	5
Acetone	20	24 h	5
Ethanol	20	24 h	5
Red Wine	20	24 h	5
Red Wine Vinegar	20	24 h	5
Olive Oil	20	24 h	5
Cow Milk	20	24 h	5
Coffee	20	24 h	5
Black Tea	20	24 h	5

Lacquer - 30° Gardner

Matt lacquer - 10° Gardner

Natural oil

Natural oiled parquet boards are finished with (approximately 20 g/m²) of Woca High Solid transparent industrial oil or Woca industrial white oil.

Other finish processings

- Brushed finish
- Bevelled edges

Technical data - ParlaFix

Additional information

- ParlaFix parquet has been awarded with M1 Emission Class for Building Materials (highest grading in emission classes).
- Raw material supply: PEFC controlled sources
- Manufactured in Finland 100%
- CE based on European standard EN 14342
- Release of formaldehyde E1
- Reaction to fire Dfl-s1
- Durability Class 1
- Moisture content when delivered 7⁺²% based on absolute dry weight
- Thermal conductivity 0,13 W/m K
- Sound isolation: $\Delta L_{Wr} = 2-3$ dB
- Machining accuracy: Accurate all round tongue and groove, milled with high quality diamond tools. Vertical deviation max. 0,2 mm above the edge of the adjacent parquet board. (following the Finnish regulations of RYL 2000)

Hardness of Wood Species

(Brinell Method)

Ash 3,7 – 4,2	Oak 3,2 – 3,7
Beech 3,4 – 3,9	Maple 3,7 – 4,5
Birch 2,5 – 3,0	Merbau 3,8 – 4,8
Cherry 3,3 – 3,8	Walnut 3,7 – 4,6

Packaging

- Edges protected with 100% recycled cardboard
- Package protected with shrink wrap

ParlaFix 14x205x2195 mm

1 package (6 boards) = 2,70 m² = 19 kg

1 pallet (40 packages) = 108,00 m² = 760 kg

ParlaFix 14x190x2195 mm

1 package (6 boards) = 2,50 m² = 19 kg

1 pallet (40 packages) = 100 m² = 760 kg

ParlaFix 14x137x2195 mm

1 package (6 boards) = 1,80 m² = 14 kg

1 pallet (56 packages) = 100,80 m² = 784 kg

Requirements for the subfloor

The subfloor must be solid, level, clean, dry and protected from moisture. More specific subfloor requirements in the ParlaFix installation instructions that are downloadable at www.parla.fi
Underlayment is recommended to use between subfloor and parquet floor for damp and sound proof.

Underlayment

Parla underlayment is 3 mm expanded polyethylene laminated to a 0,1 mm sheet of polyethylene (PE). Underlayment has optimal characteristics in order to reduce impact sound from footstep, to prevent unacceptable influence of moisture, to contribute to levelling of the substructure, and to form a sliding layer.

Width: 1000 + 200 mm Roll lengths: 15 m ja 50 m
Weights: 195 g/m², 15 m² = 3 kg, 50 m² = 10 kg

Installation

ParlaFix parquet is installed floating. The parquet boards are laid loose on the subfloor and fixed together by ParlaFix locking system. It is possible also to glue the parquet boards to the subfloor. For wastage should be allowed approximately 5% in normal conditions.

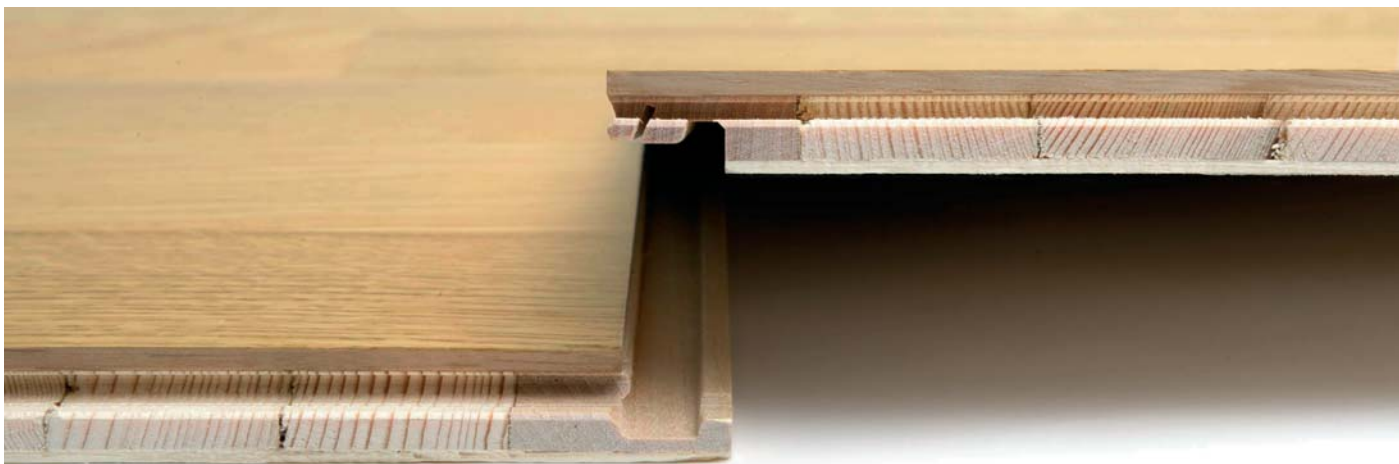
Installation instructions for ParlaFix parquet more specifically at www.parla.fi

Underfloor heating

ParlaFix parquet can be installed on a subfloor with underfloor heating. Beech and maple are not recommended to install with the underfloor heating because their considerable shrinking and swelling with changing moisture level. The surface temperature of the floor must not exceed 27°C.

Maintenance

Learn more of the maintenance of lacquered or natural oiled parquet from the ParlaFix maintenance instructions that are downloadable at www.parla.fi



Structure

ParlaFix - 14 x 205 x 2195 mm

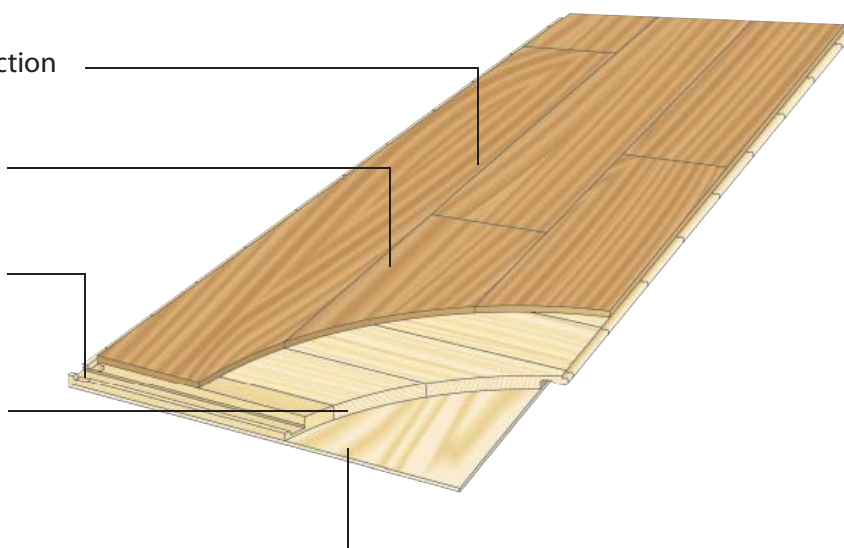
Lacquer or oil ensuring effective protection

Hardwood wearing surface

An end joint made of birch ensures accurate fitting and durability

Intermediate layers composed of softwood. The undirectional grain confers overall rigidity

Softwood veneer gives support to the entire structure



ParlaFix - 14 x 190 x 2195 mm



ParlaFix - 14 x 137 x 2195 mm



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PARLA®

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