

# PARLA® *Feel your floor*



## Technical Data

Pine floorings -  
Solid, 3X, 4X, 4XL



RW008-02



CE



## Technical data - Solid, 3X, 4X, 4XL

### Description of the Product

Pine floor boards are manufactured from high quality Finnish redwood. The construction(s) of floor boards is developed durable and particularly in a way to counteract warping. The dimensional stability of Parla pine floor board is improved also by controlling the moisture characteristics optimally in the manufacturing process.

#### **Solid**, 26 mm thick solid wood floor board

- 26 mm thick pine floor board
- Joint on all edges of the board. Floor boards can be easily combined with each other by tongue and groove.
- Effective protection is given to top, wearing layer by six (6) coats of surface treatment agent: lacquer or matt lacquer. Wood ready floor boards are with out surface treatment.

#### **3X**, 19 mm thick three layer floor board

- Thickness of the uniform pine surface layer is 5 mm.
- Intermediate layer is composed of Nordic softwood. The grain in the middle layer is crosswise improving the floor's durability and preventing shape changes.
- Bottom layer of Nordic softwood gives support to the entire structure
- Joint on all edges of the board. Floor boards can be easily combined with each other by tongue and groove.
- Wood layers are bonded by gluing.
- Effective protection is given to top, wearing layer by six (6) coats of surface treatment agent: lacquer or matt lacquer. Wood ready floor boards are without surface treatment.

#### **4X and 4XL**, 26 mm thick four layer floor board

- Thickness of the uniform pine surface layer is 5 mm.
- Intermediate layers are composed of Nordic softwood. The grain in the middle layers are crosswise to each other improving the floor's durability and preventing shape changes.
- Bottom layer of Nordic softwood gives support to the entire structure.
- Joint on all edges of the board. Floor boards can be easily combined with each other by tongue and groove.
- Wood layers are bonded by gluing.
- Effective protection is given to top, wearing layer by six (6) coats of surface treatment agent: lacquer or matt lacquer. Wood ready floor boards are without surface treatment.

### Dimensions

**Solid** - 26 x145 x2050 mm

**3X** - 19 x145 x2050 mm

**4X** - 26 x145 x2050 mm

**4XL** - 26 x195 x2050 mm

### 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 floor boards are finished with six layers (approximately 80 g / m<sup>2</sup>) 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. It inhibits germ development and supports optimum hygiene as well as prevents microbial odour development. 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.

Lacquer - 30° Gardner

Matt lacquer - 10° Gardner

## Technical data - Solid, 3X, 4X, 4XL

### Chemical Resistance of the lacquer

(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

### Other finish processings

- Bevel on the long sides

### Additional information

- Parla pine flooring has been awarded with both 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<sup>+2</sup>% based on absolute dry weight
- Thermal conductivity 0,13 W/m K
- 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)

### Hardness / Wood Species (Brinell Method)

Pine 1,3 - 1,8

### Packaging

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

#### Solid 26x145x2050 mm

1 package (4 boards) = 1,12 m<sup>2</sup> = 15 kg

1 pallet (70 packages) = 78,4 m<sup>2</sup> = 1070 kg

#### 3X 19x145x2050 mm

1 package (4 boards) = 1,12 m<sup>2</sup> = 12 kg

1 pallet (70 packages) = 78,4 m<sup>2</sup> = 860 kg

#### 4X 26x145x2050 mm

1 package (4 boards) = 1,12 m<sup>2</sup> = 15 kg

1 pallet (70 packages) = 78,4 m<sup>2</sup> = 1070 kg

#### 4XL 26x195x2050 mm

1 package (4 boards) = 1,54 m<sup>2</sup> = 11,2 kg

1 pallet (50 packages) = 77 m<sup>2</sup> = 560 kg

### Requirements for the subfloor

The subfloor must be solid, level, clean, dry and protected from moisture. More specific subfloor requirements in the Parla pine flooring installation instructions that are downloadable at [www.parla.fi](http://www.parla.fi).

### Installation

Parla 3X floor boards are suitable for floating installation. The 3X floor boards are laid loose on the subfloor and fixed together by tongue and groove. It is possible also to fix the floor boards on a supporting base or subfloor by screwing. Solid, 4X and 4XL floor boards are always installed by means of screwing.

Installation instructions for Parla pine floorings more specifically at [www.parla.fi](http://www.parla.fi)

### Underfloor heating

Parla pine floorings can be installed on a subfloor with underfloor heating. The surface temperature of the floor must not exceed 24°C.

### Maintenance

Learn more of the maintenance in the Parla pine flooring maintenance instructions that are downloadable at [www.parla.fi](http://www.parla.fi).



## Structure

3X - 19 x 145 x 2050 mm

Edges slightly bevelled

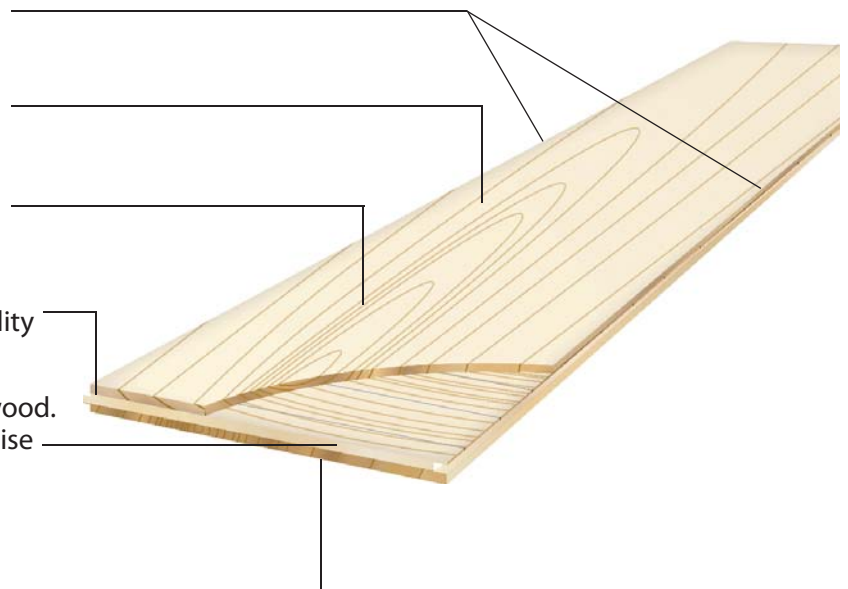
Six (6) coats of lacquer ensuring effective protection (finished floor boards)

5 mm pine wearing surface

An end joint and tongued and grooved edges ensure accurate fitting and durability

Intermediate layer (s) composed of softwood. The grain in the middle layer (s) is crosswise in relation to top and bottom layers

Softwood bottom layer gives support to the entire structure



**PARLA®**

Parla Floor Oy, P.O. Box 113, FI-50101 Mikkeli  
Puh: +358 20 791 9700 Email: orgroup@or-group.fi

[www.parla.fi](http://www.parla.fi)