



## Lignum Pura

### Invisible wood protection

Extremely matt, non-colouring, single-component wood and parquet lacquer with high resistance to wear. Sustainable water-based, bio-based polyurethane.



## Instructions for use

**Application:** Lignum Pura is used mainly to produce invisible, wear-resistant and easy-to-maintain finishes for parquet floors. Its exceptionally natural effect also makes it suitable for many other decorative timber finishes (including doors, furniture, etc.) where the natural character of the wood needs to be retained.

Invisible;

Bio-based;

Water-dilutable;

Extremely matt, without gloss stripes;

Very fast-drying, without overlappings;

Can be overcoated after 2 hours;

No discolouration of the wood;

Easy to use;

Resistance to wear comparable to 2K;

No unpleasant odour;

Easy to maintain.

**Important:** Lignum Pura works invisibly on most types of wood. Any possible discolouring and level of gloss depend on the type of wood and preparation of the substrate. For that reason, always test first in a non-visible location to see whether the required result can be achieved.

**Preparing the substrate:** the substrate must be clean, dry, free of dust, grease, wax and oil.

**Preparing the product:** shake well and stir before use.

**Application:** use a short-haired roller, brush or paint gun.

**Roller or brush:** Always work in strips of a maximum 60 to 80 cm in width. Start by cutting in using a brush, then use a roller obliquely across the grain, before rolling smoothly along the length of the wood. Allow the strips of paint to blend together. Apply 2 to 3 coats, depending on usage and required wear-resistance. For floors we always advise 3 coats.

**Airless:** nozzle: 0.2 – 0.3; pressure: 80 – 120 bar.

**Air gun:** nozzle: 1 – 2 mm; pressure: 2 – 3 bar.

**Drying time:** touch dry after 1 hour and can be walked on after 2 hours depending on environmental factors (air humidity and temperature).

**Finish:** after 2 to 3 hours. For the topcoat, sand smooth using 220-grit sandpaper.

**Full hardening time:** 2 - 3 days. Can take light loads after 12 hours.

**Working temperature:** do not use in temperatures under 12°C or above 25°C.

**Usage:** 10 – 12 m<sup>2</sup> per litre per coat.

**Dry coat thickness:** 20-30 µm.

**Cleaning tools:** with water.

**Maintenance:** use Devo Fresh & Clean from 2 weeks after finishing.

**Shelf life:** minimum of 1 year in the original packaging, well-sealed. Keep away from frost and protect against high temperatures.

**UFI:** R614-20VS-R00P-9SS7



# Lignum Pura

## Technical properties

<b>Description (type):</b>	Non-discolouring, extremely matt, wear-resistant, bio-based polyurethane parquet lacquer.
<b>Base:</b>	Water-based, bio-based polyurethane.
<b>Characteristic properties:</b>	Non-discolouring, extremely matt and highly wear-resistant.
<b>How to use:</b>	
Substrate:	Must be dry, well cleaned and free of grease, oil, wax and dust.
Material temperature:	15 - 25°C.
Specific humidity:	40 – 70%.
Material moisture:	Depends on the type of timber (e.g. oak between 9 and 12%).
Product preparation:	Ready to use. Always stir and shake well before use.
Pot life:	D.n.a.
To be applied using:	<ol style="list-style-type: none"><li>1. Short-haired roller for water-based paint, brush or paint gun.</li><li>2. Airless: nozzle: 0.2 – 0.3; pressure: 80 – 120 bar.</li><li>3. Air gun: nozzle: 1 – 2 mm; pressure: 2 – 3 bar.</li></ol>
Dilute/clean with:	Water.
Consumption/spreading capacity:	10 – 12 m <sup>2</sup> per litre per coat.
Coat thickness:	Dry coat thickness 20-30 µm
<b>Physical and chemical properties:</b>	
Colour(s):	Colourless transparent.
Odour:	Characteristic
Consistency:	Liquid.
Viscosity, dynamic or kinematic 20°:	method:
Specific weight 20°C/density:	1,02 kg/l. method:
Solids by weight:	± 31 % volume method:
VOC content:	41 g per litre method:
Proportion bio-based:	approx. 30% (C14 method according to ASTM D6866)
Drying at 20°C/65% RV:	touch dry after 1 hour and can be walked on after 2 hours depending on environmental factors (air humidity and temperature.)
Fully cured:	2 - 3 days.
Gloss (H.60°):	Extremely matt (<3 GU, E60 & E85)
pH 20°C:	
Solubility in water 20°C:	Soluble.
Vapour pressure/20°C, mBar:	D.n.a.
Flash point:	
Self-combusting at:	D.n.a.
Shear strength:	D.n.a.
Wear-resistance:	Taber abrasion 1KG - Calibrase CS-17: 29.8 mg after 500 cycles and 64.4 mg after 1000 cycles. (Requirement ASTM D 4060: <100 mg after 1000 cycles)
Shelf life:	Minimum of 12 months in the original packaging, well sealed. Storage temperature between 5 and 25°C.
<b>Safety:</b>	This product is not classified as hazardous under Regulation (EC) N° 1272/2008 [CLP] Safety information sheet (SDS) available on request.
<b>Environmental information:</b>	
Biodegradable:	No
Disposal:	Dispose of any residual product and empty packaging according to local government requirements.
<b>Supplied in/transport:</b>	
Pack(s):	250ml, 1L, 2,5L and 5L
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