

1-component wood floor lacquer

PALL-X 94

Water-based 1-component wood floor lacquer for normal use areas

AREA OF APPLICATION:

For normal use wood flooring in residential areas.

SUITABLE FOR:

- ▶ sanded wood flooring
- ▶ use on wood floors installed over warm water underfloor heating systems



PRODUCT BENEFITS / PROPERTIES:

- ▶ high resistance to mechanical and chemical wear
- ▶ good levelling capacity
- ▶ fast drying
- ▶ corresponds to TRGS 617
- ▶ Water-based seal, with a solvent content of less than 5%.
- ▶ EMICODE EC 1 PLUS / Very low emission

TECHNICAL DATA:

Packaging:	plastic container
Packsize:	5 l
Shelf life:	at least 12 months
Gloss level:	semi-gloss, matte
Consumption per coat:	approx. 100 ml/m ²
Coverage:	approx. 10 m ² /litre
Working climate:	between 18 – 25 °C and 35 – 65 % relative humidity
Ready for sanding:	after approx. 4 hours*
Further coats:	after approx. 4 hours*
Final strength:	after approx. 10 - 12 days*

*At 20 °C and 50 % rel. humidity.

SURFACE PREPARATION:

The surface to be sealed must be clean, dry, free of impurities and sanded in accordance with the recognized industry standard. In principle, it is best to prime before sealing so as to avoid the detrimental effects of edge bonding or rafting of the wood flooring sections.

APPLICATION:

1. Before use, the container must be brought to room temperature (20 °C) and must be shaken well. Then pour the contents into a clean PALLMANN LACQUER BUCKET.
2. Apply a full and even coat of PALL-X 94 onto the surface using the APPLICATION ROLLER WATERBASED UNIVERSAL 11MM/25CM for water-based lacquers. Apply a minimum of 2 coats. Starting at the edges, then apply alternately across, and with the grain. In heavy wear areas, a third coat is required.
3. Drying time until ready for sanding: approx. 4 hours.
4. Before the final coat, an intermediate sanding with the PALLMANN ABRASIVE GRID or PALLMANN POWER PAD grit 120 is required.
5. After use, clean tools with water.



IMPORTANT NOTES:

- ▶ Optimum temperature is 18 to 25 °C and relative humidity between 35 % and 65 %. Low temperatures and high humidity will extend the drying time. High temperatures and low humidity will shorten the drying time.
- ▶ Many exotic woods such as Teak, Ipe Lapacho, smoked Oak or Wenge as well as softwoods contain ingredients (e.g. so-called inhibitors, resins or mineral storages) which can lead to significant drying delays, wetting disturbances or colour changes. Due to the variety and different qualities of these woods, the species should be established and testing carried out before coating.
- ▶ Shelf life minimum 12 months in original packaging when stored in dry conditions. Protect from freezing and do not expose to temperatures over 40 °C.
- ▶ Tightly reseal opened containers and use the contents as quickly as possible.
- ▶ For basic sanded multi-layer parquet elements, it may be advisable to apply the primer PALL-X 320 twice using a trowel.
- ▶ In principle, do not apply more than 2 coats in one day.
- ▶ After application of the final coat, allow surface to dry overnight before walking on.
- ▶ If left to dry for more than one day, a careful, full-surface matt sanding (grain 120) must be carried out.
- ▶ Due to the special characteristics of bamboo floor coverings, we recommend to use a 2-component lacquer (e.g. with PALL-X 98) for sealing.
- ▶ Leave freshly sealed surfaces at least 10 - 12 days before covering with carpeting or other floor coverings or loading with heavy objects.
- ▶ Leave freshly sealed surfaces at least 10 - 12 days before maintaining with PALLMANN FINISH CARE / FINISH CARE STOP.
- ▶ Regular maintenance with PALLMANN FINISH CARE / FINISH CARE STOP improves the appearance and increases the wear life of the sealed surface. Only damp (not wet). Avoid standing water.
- ▶ The following standards and notices are applicable and especially recommended: DIN 18356 "Working with parquet and woodblocks".

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Water-based seal, with a solvent content of less than 5%. Suitable as a substitute material for high solvent content materials used for parquet surface treatment. Use of barrier cream and ventilation of the work area are recommended. Once cured, has a neutral odour and presents no physiological or ecological risk.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste.