

# Product Data Sheet

Premium 1-component wood floor lacquer

# PALL-X 96

Water-based 1-component wood and cork floor lacquer for heavy use areas

## PRODUCT DESCRIPTION:

Water-based, fast drying 1-component wood floor and cork flooring lacquer for heavy use residential and commercial areas.

## AREA OF APPLICATION:

For heavy use wood flooring in residential and commercial areas.

## SUITABLE FOR:

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



## 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 <sup>2</sup>
Coverage:	approx. 10 m <sup>2</sup> /litre
Working climate:	between 18 – 25 °C and 35 – 65 % relative humidity
Ready for sanding:	after approx. 2 hours*
Further coats:	after approx. 2 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.

### Subfloor preparation of untreated natural cork:

Prior to the application of the lacquer, a final sanding with PALLMANN POWER PAD grit 120 is necessary. Nature cork has to be sealed without a primer!

## PRODUCT BENEFITS / PROPERTIES:

- ▶ very high resistance to high mechanical and chemical wear
- ▶ very good levelling capacity
- ▶ very fast drying
- ▶ high abrasion resistance
- ▶ corresponds to TRGS 617
- ▶ Water-based seal with a solvent content of less than 5%.
- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ DE-UZ 12a / Environmentally friendly, because low in pollutants



## 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 96 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. Untreated natural cork has to be sealed with 3 layers of lacquer.
3. Drying time until ready for sanding: approx. 2 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 with the relative humidity > 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.
- ▶ 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 GOLD) 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 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. Keep out of the reach of children. While spray work use safety glasses

and combi filter A2 / P2. While sanding use dust filter P2. During application, the use of barrier cream, as well as ventilation of the work areas, is recommended. Do not eat, drink and smoke while application. After contact with eyes or skin, wash immediately with plenty of water. Do not allow to enter the sewer system, bodies of water or the soil. Clean the tools with water and soap immediately after use. Only empty packagings are recyclable. Drop off liquid material residues at the collection point for old paints. Product contains isothiazolinones. May produce an allergic reaction. Hotline for allergy information +49 (0) 931 27964-0.

## 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.