

Solvent-free 2-component wood floor lacquer

# PALL-X ZERO 2K

Water-based, solvent-free 2-component wood floor lacquer that ensures the best possible indoor air quality, for very heavy use areas

## PRODUCT DESCRIPTION:

Water-based, solvent-free 2-component wood floor lacquer for high traffic wood floors in residential or commercial areas, which ensures optimum indoor air quality. PALL-X ZERO 2K features a low matte appearance that creates a natural beautiful surface.

## AREA OF APPLICATION:

For very heavy use wood flooring in residential and commercial areas.

## SUITABLE FOR:

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



## PRODUCT BENEFITS / PROPERTIES:

- ▶ high resistance to heavy mechanical and chemical wear
- ▶ very good levelling capacity
- ▶ special matte appearance
- ▶ very good levelling properties
- ▶ solvent-free
- ▶ corresponds to TRGS 617
- ▶ Water-based seal with linking agent containing isocyanate, solvent-free.
- ▶ EMICODE EC 1 PLUS / Very low-emission



## TECHNICAL DATA:

Packaging:	plastic container
Packsize:	4 + 1 l
Shelf life:	at least 12 months
Gloss level:	special matte
Mixing ratio:	4 : 1
Consumption per coat:	approx. 80 ml/m <sup>2</sup>
Coverage:	approx. 12 m <sup>2</sup> /litre
Working climate:	between 18 – 25 °C and 35 – 65 % relative humidity
Pot life:	approx. 2 hours*
Ready for sanding:	after approx. 24 hours* depending on climatic conditions up to 36 hours
Further coats:	after approx. 24 hours* depending on climatic conditions up to 36 hours
Final strength:	after approx. 7 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, both containers must be brought to room temperature (20 °C).
2. Thoroughly shake Component A, put the attached filter in the neck of the plastic container and fill it into a clean PALLMANN bucket. Then add Component B and immediately blend thoroughly using suitable mixing equipment.
3. Apply an even coat of PALL-X ZERO 2K onto the surface using the APPLICATION ROLLER WATERBASED SPECIAL 8MM/25CM. Apply a minimum of 2 coats. Starting at the edges, then apply alternately across, and with the grain. In very heavy wear areas, a third coat is required.
4. **Sealing of large areas:** We recommend that in order to avoid differences in sheen level, it is best to mix several buckets into a larger container, to form one batch. Mix this thoroughly initially (mechanical) and then during the coating process., Careful and systematic application is essential to ensure that the complete area has the same product thickness. For 2-component lacquer-systems, make sure that the quantity mixed, can be applied within the open time.
5. Drying time until ready for sanding: approx. 24 hours, according to climatic conditions up to 36 hours.
6. Before the final coat, an intermediate sanding with the PALLMANN POWER PAD grit 120 is required.
7. 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.
- ▶ Recommended on commercially available, light-colored, European types of wood.
- ▶ 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.
- ▶ After adding the hardener do not re seal the container to avoid the risk of excessive expansion of mixed product.
- ▶ 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 two days, a careful, full-surface matt sanding (grain 120) must be carried out.
- ▶ Leave freshly sealed surfaces at least 7 days before covering with carpeting or other floor coverings or loading with heavy objects.
- ▶ 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 linking agent containing isocyanate, solvent-free. Suitable as a substitute material for high solvent content materials used for parquet surface treatment. Component A: Requires no special protection or precautions in general use. Component B: contains pre-polymerised isocyanate. Harmful if inhaled. May cause an allergic skin reaction. May cause respiratory irritation. Both components: Provide good ventilation during and after use. Use barrier cream and protective gloves / goggles. Avoid contact with skin or contact with eyes. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Observe safety information on product label as well as safety data sheet. 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. Therefore collect waste material, mix both components and allow to harden, then dispose as Construction Waste.