

1-component hard wax oil

HARDWAXOIL

Solvent-based 1-component hard wax oil for heavy duty used wood floors

AREA OF APPLICATION:

For heavy use wood flooring.

SUITABLE FOR:

- ▶ sanded wood flooring
- ▶ Woodblocks
- ▶ Parquet on beams and swinging constructions
- ▶ use on wood floors installed over warm water underfloor heating systems



PRODUCT BENEFITS / PROPERTIES:

- ▶ very high resistance to mechanical and chemical wear
- ▶ fast drying
- ▶ minimises edge-bonding
- ▶ High solvent content.

TECHNICAL DATA:

Packaging:	metal container
Packsize:	3 l
Shelf life:	at least 12 months
Gloss level:	semi-gloss
Consumption per coat:	approx. 60 ml/m ²
Coverage:	approx. 15 m ² /litre
Working climate:	between 18 – 25 °C and 35 – 65 % relative humidity
Ready for sanding:	after approx. 8 - 12 hours*
Further applications:	after approx. 8 - 12 hours*
Final strength:	after approx. 8 days*

*At 20 °C and 50 % rel. humidity

Consumption can vary according to the absorbency and condition of the surface of the wood or parquet to be impregnated.

NOTE:

HARDWAXOIL contains about 50 % solvent. The use of solvent-based products for finishing wood surfaces is becoming more and more restricted. For this reason we recommend the use of solvent-free products from the PALLMANN MAGIC OIL line.

SURFACE PREPARATION:

The surface to be oiled must be filled, clean, dry, free of impurities and sanded in accordance with the recognized industry standard.

APPLICATION:

1. Before use, the container must be brought to room temperature (20 °C) and must be stirred well. Then pour the contents into a clean PALLMANN LACQUER BUCKET.
2. Apply a full and even coat of PALLMANN HARDWAXOIL onto the surface using the PALLMANN APPLICATION ROLLER HARDWAXOIL (5 mm microfibre). 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: 8 - 12 hours.
4. Before every coat, an intermediate sanding with the PALLMANN ABRASIVE GRID or PALLMANN POWER PAD grit 120 grit is recommended.
5. After use, clean tools with suitable thinner.

IMPORTANT NOTE:

Sanding dust of oxygen-drying systems are inflammatory - fire risk! After conclusion of sanding works the resulted sanding dust must be soaked with water and be disposed into closely locked air tight, fire proof containers!

Contact of the product with pads or textile materials produces a risk of spontaneous combustion. Therefore, soak any cloths, pads, etc. with water and keep / dispose in tightly sealed air tight, fire proof containers.

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.
- ▶ The consumption on end grain wood can increase significantly (approx. 140 ml/m²) and thus lead to drying delays.
- ▶ Do not use spark forming stirring equipment, e.g. electrical drill etc.
- ▶ After application of the final coat, in moderate wear areas, the surface can be walked on after being left to dry overnight.
- ▶ Not suitable for smoked oak.
- ▶ Leave freshly oiled surfaces at least 14 days before covering with carpeting or other floor coverings or loading with heavy objects.
- ▶ The maintenance care and cleaning with PALLMANN FINISH CARE should be carried out at the earliest after 14 days.
- ▶ Regular maintenance with PALLMANN FINISH CARE improves the appearance and increases the wear life of the sealed/oiled 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:

High solvent content. Highly flammable liquid and vapour. Solvent vapours can form explosive mixtures with air. Vapours may cause eye irritation, drowsiness or dizziness. Therefore provide good ventilation during and after use.

Use barrier cream and protective gloves / goggles. Do not inhale vapours. No smoking, no open flames. Switch off all electric devices like door-bells, refrigerators, electric stoves, etc. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of contact with skin, wash immediately with plenty of water and soap. Contains butanone oxime, benzotriazole derivative. May produce an allergic reaction. Observe safety information on product label as well as safety data sheet.

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.