Product Datasheet

PALLMANN®

Solvent-free 2-component wood floor oil made from regional raw materials

MAGIC OIL 2K CHANGE

Solvent-free 2-component wood floor oil with cold-pressed hemp oil, waxes and oxidative drying.

PRODUCT DESCRIPTION:

Oil-wax combination that leaves an open-pored breathable and diffusive surface. Due to the wax content in MAGIC OIL 2K CHANGE, a natural-looking, water- and dirt-repellent surface results. The use of renewable raw materials from regional, ecological agriculture hemp (harvesting and cold pressing within a radius of approx. 30 km around Würzburg) reduces CO2 emissions by approx. 60% compared to MAGIC OIL 2K ORIGINAL*.

SUITABLE FOR:

- sanded wood flooring with filled joints
- use on wood floors installed over warm water underfloor heating systems



PRODUCT BENEFITS / PROPERTIES:

- very high resistance to mechanical and chemical wear
- good wood grain and color enhancement
- slip resistance R10/DIN 51130
- DIN 53160 (Resistance to saliva and sweat)
- EN 71-3 (Child safe coating, p. 3: migration of certain elements)
- fire protection Cfl-s1 (minimum thickness solid wood 19 mm, density 480 kg/m³, moisture content 9%)
- approx. 60% CO2-reduction compared to MAGIC OIL 2K ORIGINAL*

TECHNICAL DATA:

Packaging:	metal container + plastic bottle
Packsize:	0,91 + 0,09 l
Shelf life:	at least 12 months
Mixing ratio:	10 : 1
Consumption:	approx. 25 - 50 ml/m²
Usage Data:	1 x trowel application 1 x drizzle application
Application Climate	between 18 – 25 °C and 35 – 65 % relative humidity
Pot life:	approx. 1 hour**
Further applications:	after approx. 30-60 minutes**
Load-bearing:	after approx. 12 hours**
Washable:	after approx. 12 hours**

*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:

*Internal calculation for the cradle-to-gate life cycle phases (A1–A3) based on ISO 14040 and ISO 14044.

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IMPORTANT NOTES:

Pads or textile materials soaked in the product may spontaneously ignite on contact with air: thoroughly dampen soaked rags, pads, etc. with water and store / dispose of them in tightly sealed, fireproof containers.

Grinding dust from oxygen-drying systems is self-igniting. Fire hazard! Wet the grinding dust and dispose of it in tightly sealed, fireproof containers!

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.
- For joint sealing a suitable PALLMANN JOINT FILLER must be used.
- For boards that have visible joints or/and are bevelled, we recommend to obtain technical advice.
- For structured wood floors, apply/drizzle on the oil at points and immediately spread it thinly and evenly with the PALLMANN CLEANING PAD BEIGE. Remove excess oil with the PALLMANN CLEANING PAD WHITE. All excess oil has to be removed from the surface.
- Full loading of the surface is possible not earlier than 12 hours after polishing.
- Leave the freshly oiled surface at least 12 hours before covering.
- The maintenance care and cleaning should be carried out at the earliest after 12 hours.
- For long life of the flooring, we recommend regular care according to the manufacturer's instructions with PALLMANN MAGIC OIL CARE and maintenance cleaning with PALLMANN CLEAN. For the exact cleaning and care cycles, please refer to the care instructions for oiled wooden floors.
- The following standards and notices are applicable and especially recommended: DIN 18356 "Working with parquet and woodblocks" and DIN 18365 ”Working with floor coverings”.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free. Component A: Non-flammable but risk of spontaneous combustion (see ”Important Note” below). Component B: Non-flammable. 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.

Important Note:
Contact of the product with pads or textile materials leads to a risk of spontaneous combustion! Therefore, soak any contaminated cloths, pads, etc.with water and store or dispose in tightly sealed metal containers. Abrasive dust of oxygen-drying systems are inflammatory. Fire risk! After conclusion of sanding works the resulted abrasive dust must be damped with water and be disposed into closely locked metal containers!

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.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this Product Data Sheet invalidates all previous product information. The respective updated version of this datasheet can be found on our homepage under www.pallmann.net | 10/2026