



MAGIC OIL 2K ORIGINAL

Oil-wax combination with natural oil and waxes, cross-linking and drying by oxidisation after the addition of hardener Component.

Description:

Combination of liquid oils and waxes, suitable by impregnation for the protection and surface treatment of:

- sanded wood flooring
- sanded parquet flooring including wood-plank
- wood-block flooring
- fully sanded multi-ply wood flooring
- suitable for use with underfloor heating systems.

- Easy to apply
- Roller- or trowel- applied
- Enhances the colour and grain of the wood
- Resistant to household chemicals
- Solvent-free
- Slip resistance R10/DIN 51130
- DIN 53160 (Resistance to saliva and sweat)
- EN 71-3 (Child safe coating, part 3: immigration of certain elements)

Product Properties / Benefits:

Oil-wax combination that leaves an open, breathing and diffusive surface finish. Due to the wax content, a uniform matt, velvety surface is produced. With MAGIC OIL 2K ORIGINAL, thanks to the hardener component, very rapid drying is achieved. This rapid drying, even in extremely heavy wear areas (catering industry, hotels, business premises, offices...) allows renovation work to be completed in the shortest possible time, with no reduction in resistance to mechanical wear or chemicals once allowed to dry overnight. The improved density of the cross-linking action result in a stronger water and dirt repellent surface that cannot be achieved with 1-component parquet oils. Dirt removal compares with that on lacquered parquet/wood floors. The high care expenditure of well known wood flooring oils does not apply to MAGIC OIL 2K ORIGINAL.

Technical Data:

Packaging:	metal container
Packsizes natural:	1 + 2.75 litre
Shelf life:	min. 12 months
Colour:	honey yellow
Consumption per coat(1):	approx. 25 – 50 ml/m ²
Working temperature:	approx. 18 – 25 °C
Mixing ratio:	10 : 1
Working time:	approx. 2 hours*
Further applications:	after approx. 10 – 30 minutes*
Load-bearing and washable:	after approx. 12 hours*

* Under normal conditions at 20 °C.

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



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Surface Preparation:

After the final sanding, the floor must be clean, dry and free from sanding dust and contamination.

Application:

1. Before use, bring the containers to room temperature and shake well.
2. Mix MAGIC OIL 2K ORIGINAL with the hardener component and, using a suitable tool (e.g. PALLMANN VARNISH TROWEL), apply evenly to the surface.
3. 10 – 30 minutes after trowel application, remove excess MAGIC OIL 2K ORIGINAL with the PALLMANN POLISHING PAD (beige).
4. Immediately after polishing the first coat, apply the second coat of MAGIC OIL 2K ORIGINAL. Then, remove excess MAGIC OIL 2K ORIGINAL immediately (max. 30 minutes after) with the PALLMANN POLISHING PAD (beige) and then buff with the PALLMANN POLISHING PAD (white). All excess oil has to be removed from the surface.
5. After approx. 20 minutes the surface must be repolished again with a white pad to achieve a consistent result.
6. Due to different displacement behavior of the wood and also the kinds of parquet/hardwood flooring, a third application can take place on the next day. Apply sufficient oil to fill the pores of the wood (saturation).
7. **Application by roller:** Apply evenly one thin coat of MAGIC OIL 2K ORIGINAL using the PALLMANN ROLLER LSM. **Consumption:** approx. 70 – 90gr/m², depending upon wood. After approx. 30 minutes remove the excess by using a trowel or rubber wiper and buff the surface with a beige pad and following with a white pad.
8. Clean tools after use with the Uzin CLEAN-BOX.
9. For long flooring life, we recommend a regular maintenance according to the manufacturer's instructions with MAGIC OIL CARE and maintenance cleaning with PALLMANN CLEAN. The exact maintenance routine is shown in the care instructions for the MAGIC OIL line.
10. The oiled wood floor surface must not be covered within the first 12 hours following application of MAGIC OIL 2K ORIGINAL!

Consumption:

A minimum of 2 trowel-applied coats is recommended. Recommended quantity per coat: 25 – 50 ml/m². Consumption can vary according to the absorbency and condition of the surface of the wood or parquet to be impregnated.

Important Notes:

- After the addition of the hardener, the container must not be resealed to avoid the risk of excessive expansion of mixed product
- Shelf life minimum 12 months in original packaging when stored in relatively cool conditions. Protect from frost. Tightly re-seal opened packaging and use as quickly as possible.
- Optimum conditions are 18 – 25 °C, relative humidity > 35 % and < 65 %. Low temperatures and high humidity lengthen, whilst high temperatures and low humidity shorten the drying time.

- For joint sealing a suitable PALLMANN JOINT FILLER must be used.
- The consumption on end grain wood can increase significantly (approx. 140 ml/m²). Where end grain is to be coated you should work with roller application and the drying time should be 72 hours before over-coating.
- Light traffic of the surface is possible not earlier than 12 hours after polishing.
- The maintenance care and - cleaning with the MAGIC OIL line should be carried out at the earliest after 12 hours.
- The following standards and publications are applicable and especially recommended: DIN 18356 "Working with parquet" and DIN 18365 "Working with floor coverings".
- Many exotic woods such as Teak, Ipe Lapacho, Muhuhu, 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. On account of the variety and different qualities of these woods, the species should be established and testing carried out before coating.
- Some yellowing of the timber may occur (dark yellowing).

Protection of the Workplace and the Environment:

Oil-wax combination, solvent-free. Component A: Non-flammable but risk of spontaneous combustion (see "Important Note" below). Component B: Non-flammable. Contains isocyanate. Harmful if inhaled. May cause an allergic skin reaction. May cause respiratory irritation. Keep out of reach of children. 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. Use barrier cream, protective gloves and safety goggles. Provide good ventilation. If swallowed, seek medical advice immediately and show this container or label. Observe safety information on product label as well as safety data sheet.

Attention:

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.

Important Note:

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 into drains, water courses or landfill. Empty, drip-free plastic or metal containers are recyclable. Containers with liquid residues, as well as collected, liquid product residues, are Special Waste. Containers with dried residues are 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