



MAGIC OIL 2K ERGO

Oil-wax combination with natural oil and waxes, cross-linking and drying by oxidation after addition of hardener component. This ergonomic working method achieves a faster application time and reduces work time by one operation.

Description:

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

- sanded, heavy-wear wood flooring including wood-plank
- heavy-wear wood-block flooring
- fully sanded engineered boards suitable for use on underfloor heating systems.

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 ERGO, 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 results in a stronger water and dirt repellent surface that cannot be achieved with 1-component wood

flooring oils. Dirt removal compares with that on lacquered wood flooring. The high care expenditure well known parquet oils does not apply to MAGIC OIL 2K ERGO.

- Ergonomic work technique with the MAGIC OIL APPLICATOR
- One processing step saved in relation to conventional application.
- Easy to apply
- Enhances the colour and grain of the wood
- Resistant to household chemicals
- GISCODE Ö10 (Oils/Waxes solvent free)
- Slip resistance R11/DIN 51130
- DIN 53160 (Resistance to saliva and sweat)
- EN 71-3 (Child safe coating, part 3: immigration of certain elements)

Technical Data:

Packaging:	metal container
Packsize:	1 + 2.75 litre
Shelf life:	min. 12 months
Colour:	dark brown
Consumption per coat(1):	approx. 40 – 60 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 absorptency and condition of the surface of the wood or parquet to be impregnated.



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Surface Preparation:

Pre-sand the surface using a drum sander fitted with Pallmann ABRASIVE GRADE 36 to 60 grit. Then fill the joints with PALL-X KITT mixed with fine sanding dust. Sand with Pallmann ABRASIVE GRADE 100 grit (using a drum sander). The last final sanding part is recommended with the Pallmann Abrasive grade or Multihole-Pad 120 grit using a rotary sanding machine. 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 the recommended room temperature and shake well.
2. Mix MAGIC OIL 2K ERGO with the hardener component and apply evenly to the surface by using the MAGIC OIL APPLICATOR.
3. 10 – 30 minutes after wiping application, remove excess MAGIC OIL 2K ERGO with the Pallmann POLISHING PAD (beige) and then buff with the POLISHING PAD (white). All excess oil has to be removed from the surface. Change pads regularly and do not allow them to become clogged with excess oil.
4. After approx. 20 minutes the surface must be repolished again with a white pad to achieve a consistent result.
5. Due to different displacement behavior of the wood and also the kinds of parquet/hardwood flooring, a second application can take place on the next day. Apply sufficient oil to fill the pores of the wood (saturation).
6. **Application by roller:** Apply evenly one thin coat of MAGIC OIL 2K ERGO by using the Pallmann ROLLER LSM. Consumption: approx. 70 – 90gr/m², depending upon wood. At the latest after 30 minutes remove the excess by using a rotary machine and buff the surface with the Pallmann cleaning pad beige and following with Pallmann cleaning pad white.
7. On wood planks (boards) with V-joints, we recommend to refinished by hand using a cotton cloth or the like, depending on the size of the V-joints.
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 Pallmann MAGIC OIL CARE and maintenance cleaning with Pallmann CLEAN. The exact maintenance routine is shown in the care instructions for the MAGIC OIL 2K range.
10. The oiled parquet surface must not be covered within the first 12 hours following application of MAGIC OIL 2K ERGO

Consumption:

A minimum of one wiping applied coat is recommended.

Recommended quantity per coat: 40 – 60 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.
- Light traffic of the surface is possible not earlier than 12 hours after polishing.
- The maintenance care and - cleaning with the MAGIC OIL 2K line should be carried out at the earliest after 12 hours. For long life of the flooring, Pallmann care- (MAGIC OIL CARE) and cleaning- (Pallmann CLEAN) products must be used. The care instructions for the MAGIC OIL 2K line contain the precise care and cleaning procedures.
- The following standards and publications are applicable and especially recommended: DIN 18356 (Working with parquet), DIN 18367 (Working with wood-blocks) and DIN 18365 (Working with floor coverings).
- With types of wood that are not trade-standard (exotic timbers) and solid natural cork, strong colour differences can occur. We recommend to obtain Technical advice and to conduct a trial with the relevant wood to be used.
- On wood planks (boards) with V-joints, we recommend to obtain technical advice.

Protection of the Workplace and the Environment:

Component A: GISCODE Ö10. Non-flammable but risk of spontaneous combustion (see "Important Note" below). Component B: Non-flammable. Contains isocyanate. Hazard label Xi: "Irritant". Sensitisation is possible from skin contact. During application, ventilate well and use barrier-cream, protective gloves and goggles. In the event of contact with skin, wash immediately with plenty of soap and water. In the event of contact with eyes, rinse immediately with water and consult a doctor. Refer especially to: the hazard/safety notes on the container label, the Safety Data Sheet.

Attention:

Contact of the product with pads or textile materials produces a risk of spontaneous combustion!

Therefore, dampen any cloths, pads, etc. with water and keep/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 into drains, water courses or landfill. Empty, drip-free plastic or metal containers are recyclable [Interseroh]. 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

