

Product Data Sheet

Solvent-free 2-component wood floor oil

MAGIC OIL 2K ORIGINAL

Solvent-free 2-component trowel applied wood floor oil with natural oils and waxes, drying by oxidisation and cross-linking after addition of hardener

PRODUCT DESCRIPTION:

Oil-wax combination that leaves an open-pored breathable and diffusive surface. Due to the wax content, a uniform matt, velvety surface is produced. The 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.

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%)
- ▶ EMICODE EC 1 / Very low emission

TECHNICAL DATA:

Packaging: metal container + plastic bottle

Packsize: 0,91 + 0,09 l and 2,5 + 0,25 l

Shelf life: at least 12 months

Mixing ratio: 10 : 1

Consumption per coat: approx. 25 - 50 ml/m²

Usage Data: 1 - 3 trowel applications are recommended

Working climate: between 18 – 25 °C and 35 – 65 % relative humidity

Pot life: approx. 2 hours*

Further applications: after approx. 10 - 30 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.

SURFACE PREPARATION:

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



APPLICATION:

1. Before use, both containers must be brought to room temperature (20 °C) and must be stirred well.
2. Mix MAGIC OIL 2K ORIGINAL with the hardener component and, using a PALLMANN TROWEL, apply evenly to the surface.
3. 10 – 30 minutes after trowel application, remove excess product with the PALLMANN CLEANING PAD BEIGE.
4. Immediately after completing the first coat - if necessary - apply the second coat of MAGIC OIL 2K ORIGINAL. Then, remove excess product immediately, max. 30 minutes after the second coat with the PALLMANN CLEANING PAD BEIGE and then buff with the PALLMANN CLEANING PAD WHITE. All excess oil has to be removed from the surface.
5. After approx. 20 minutes the surface must be rebuffered again with a PALLMANN CLEANING PAD WHITE to achieve a consistent result.
6. Some species of wood may require a third coat after drying over night in good drying conditions. Apply as many coats as required for the wood to become completely saturated.
7. After use, clean tools with UZIN CLEAN-BOX (cleaning wipes).

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.
- ▶ 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.

- ▶ 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.
- ▶ For structured wood floors, apply/trowel up 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.
- ▶ Light traffic 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. For the exact cleaning and care cycles, please refer to the care instructions for oiled floors.
- ▶ Some yellowing of the timber may occur (dark yellowing).
- ▶ 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.

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.