



MAGIC OIL 2K COLOR

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 heavy-wear wood flooring including wood-plank
- sanded heavy-wear wood-block flooring
- solid natural cork
- thoroughly sanded multi-ply pre-finished wood flooring (engineered boards) elements
- Suitable for use on warm water 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 COLOR, 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, after a drying time of only 24 hours. 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 parquet oils does not apply to MAGIC OIL 2K COLOR.

- Easy to apply
- Trowel- application
- Wood optic individually adjustable by pigments
- Resistant to household chemicals
- GISCODE Ö10

Important note:

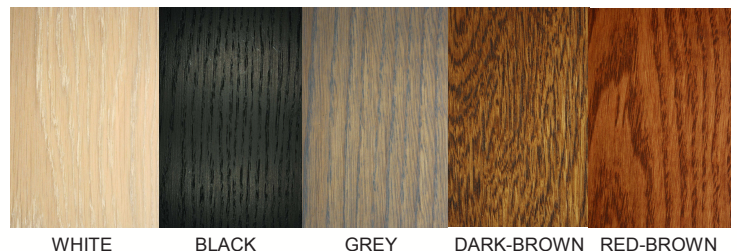
The colour depends on many factors like for example, kind of wood, wood condition and surface pattern of the wood.

Technical Data:

Packaging:	metal container
Packsize :	1 + 3 litre
Shelf life:	min. 12 months
Colours:	black, white, dark-brown, redbrown, grey
Consumption per coat(1):	approx. 25 – 50 ml/m ²
Working temperature:	approx. 18 – 25 °C
Mixing ratio:	4 : 1
Working time:	approx. 1 hours*
Further applications:	after approx. 10 – 30 minutes*
Load-bearing and washable:	after approx. 24 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.



PALLMANN

MAGIC OIL 2K COLOR

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. Particularly to note is that the entire surface pattern represents an even optic. The transient area of edge cross section to surface cross section must be implemented accurately. Otherwise every scratch mark or inaccuracy on the surface would become visibly by the colored oil wax combination.

Reference to the intensity of colour and rule of thumb:

Ever "more roughly" the final cross section (e.g. Grain 80), the more strongly the color effect by dyed MAGIC OIL 2K COLOR.

Ever "more finely" the final cross section (e.g. Grain 120), the more weakly the color effect by dyed "MAGIC OIL 2K COLOR".

The use of so-called "eccentric-sander" or machines with multiple discs should be used only with largest care, in order to avoid a polishing-effect of the wood surface before the application of MAGIC OIL 2K COLOR!

Abrasives under these implements must be dimensioned smaller by the abrasive grit.

For example:

Drum-sander grit 100 = "eccentric-sander"/multiple disc grit 60-80.

Application:

1. Before use, bring the containers to room temperature and shake well.
2. Mix MAGIC OIL 2K COLOR 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 COLOR with the Pallmann POLISHING PAD (beige).
4. Immediately after polishing the first coat, apply the second coat of MAGIC OIL 2K COLOR. Then, remove excess MAGIC OIL 2K COLOR immediately (max. 10 - 30 minutes after) with the Pallmann POLISHING PAD (beige) and then buff with the POLISHING PAD (white). All excess oil has to be removed from the surface.
5. Due to different displacement behavior of the wood and also the kinds of parquet/hardwood flooring, a third or fourth application can be necessary like explained above. Apply sufficient oil to fill the pores of the wood (saturation)
6. For roller application technical consultation must be caught up in advance.
7. Clean tools after use with the Uzin CLEAN-BOX.
8. 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 2K line.
9. The oiled wood floor surface must not be covered within the first 24 hours after application of MAGIC OIL 2K COLOR!

Important Note:

After the addition of the hardener, the containers must not be resealed to avoid the risk of excessive expansion of mixed product. 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 closelv locked metal containers!

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Important Notes:

- After the addition of the hardener, the containers 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.
- 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 filling we recommend the PALL-X KITT.
- Consider with the impregnation of multi-layer parquet elements (engineered boards) the regulations of the parquet manufacturer and always conduct a trial with the relevant kind of wood to be used.
- The first maintenance care with MAGIC OIL CARE should be carried out at the earliest after 24 hours.
- 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), 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, the joints must be treated separately. It is not to be avoided that by the application of MAGIC OIL 2K COLOR and/or the treatment with a PAD-disk, the V-joints will be filled out. Therefore the joints are to be cleaned separately. Excess of MAGIC OIL 2K COLOR should not stay in the joints. Otherwise an optical impairment (gloss lines) on the complete surface can appear. Wipe out the joints during the individual layers of MAGIC OIL 2K COLOR by using suitable rags, cloths etc.
- Colored oiled surfaces of wood floorings represent a one of a kind. Slight coloured irregularities are add and often not to avoid.

Protection of the Workplace and the Environment:

Component A: GHS CODE Ö10. Non-flammable but risk of spontaneous combustion (see "Important Note" below).

Component B: Non-flammable. Contains isocyanates. Labelling Xn: "Harmful".

Harmful by inhalation. Irritating to respiratory system. May cause sensitisation by skin contact. Keep out of the reach of children. Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water and soap. Wear suitable gloves and eye/face protection.

If swallowed, seek medical advice immediately and show this container or label.

Observe safety information on product label as well as safety data sheet.

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

