



ECO OIL 1K

Solvent-free, 1K rollable oil in three versions PURE, WHITE and NEUTRAL

Description:

For normal to heavy wear wood flooring in living areas.

Especially suitable for:

- Sanded parquet and wood flooring
- Suitable for use on warm water underfloor heating systems

Product Properties / Benefits:

- Easy to apply with the APPLICATION ROLLER for water-based laquers
- Very fast drying
- Clean appearance
- Can be over coated
- Solvent-free
- EMICODE EC 1 PLUS/ Very low emission

Technical Data:

| | |
|-----------------------|---|
| Packaging: | plastic container |
| Packsizes: | 1 and 5 litre |
| Shelf life: | min. 12 months |
| Versions: | PURE (raw wood effect), WHITE and NEUTRAL |
| Consumption per coat: | approx. 80 ml/m ² |
| Working climate: | between 18 – 25 °C and 35 – 65% relative humidity |
| Ready for sanding: | after approx. 2 hours* |
| Further coats: | after approx. 2 hours* |
| Final strength: | after approx. 7 - 10 days* |

*At 20°C and 50% rel. humidity

Surface Preparation:

The surface to be oiled must be clean, dry and free from contamination and sanded to recognised best practice.

Application:

1. Before use, the container must be brought to room temperature (20 °C) and must be shaken well, then decant the contents into a clean PALLMANN Bucket.
2. Apply a full and even coat of PALLMANN ECO OIL 1K onto the surface using the PALLMANN Application Roller for waterbased lacquers. Apply a minimum of 2 coats, starting at the edges, then roll alternately across, and with the grain.
3. Drying time until ready for sanding: approx. 2 hours.
4. Before the final coat, an intermediate sanding with the PALLMANN ABRASIVE GRADE or PALLMANN MULTIHOLE-PAD 120 grit is required.
5. After use, clean tools with water.



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Consumption:

| Method: | Consumption: | Coverage per litre: |
|-----------------|------------------------------|---------------------------|
| 1 x roller coat | approx. 80 ml/m ² | approx. 12 m ² |

| Recommendation: | If required, further coats with: |
|--------------------|----------------------------------|
| ECO OIL 1K NEUTRAL | PALL-X 96, PALL-X 98 GOLD |
| ECO OIL 1K PURE | PALL-X PURE, PALL-X ZERO |
| ECO OIL 1K WHITE | PALL-X ZERO |

Important Notes:

- Optimum conditions are 18 to 25 °C and relative humidity > 35 % and < 65 %. Low temperatures and high humidity lengthen, high temperatures and low humidity shorten the drying time.
- Many exotic woods such as Teak, Ipe Lapacho or even Wenge and softwood contain ingredients (such as so-called inhibitors, resins or mineral deposits), which can lead to significant drying delays, wetting disorders or color changes. Due to the diversity and completely different properties of these woods, the suitability must be inquired in principle, as well as a pre-test must be carried out.
- In principle, do not apply more than 2 coats in one day.
- Shelf life minimum 12 months in original packaging when stored in dry conditions. Protect from frost and do not expose to temperatures over 40 °C.
- Tightly reseal opened containers and use the contents as quickly as possible.
- On thorough oiled floors (PALLMANN ECO OIL 1K) we recommend a first maintenance with PALLMANN ECO OIL CARE.
- Leave freshly oiled surfaces at least 7 - 10 days before covering with carpeting or other floor coverings or loading with heavy objects.
- Leave freshly oiled surfaces at least 7 - 10 days before maintaining with PALLMANN ECO OIL CARE.
- Regular maintenance with PALLMANN ECO OIL CARE improves the appearance and increases the wear life of the oiled surface. The surface has to be maintained by applying a thin coat with a cloth.
- The following standards and notices are applicable and especially recommended: DIN 18356 (Laying of parquet flooring and wood block flooring).

Protection of the Workplace and the Environment:

Solvent-free. Suitable as a substitute material for high solvent content materials used for parquet surface treatment. During application, the use of barrier cream, as well as ventilation of the work areas, is recommended. While sanding use dust filter P2.

Disposal:

Where possible, collect product residues and re-use. Do not allow into drains, watercourses or landfill. Empty, drip-free plastic containers are recyclable. Containers with liquid residues and liquid waste product are Special Waste. Containers with hardened 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. In if 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