

# TECHNICAL INFORMATION

# HardwaxOil EcoPlus

## SEMI-GLOSS



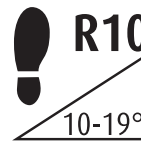
### New, modern generation of hardwaxoils

Natural hardwaxoil. Accentuates the nativeness of the wood. Due to its good penetration properties the wood will be preserved, but remains porous and breathable.

- Smooth and full bodied appearance
- One roller application is sufficient
- Can be used after only 24 hours
- Extremely economical to use
- Easy and safe application
- Water and dirt resistant
- Certified anti-slip properties as per DIN EN 16165:2021-12 for work areas
- Suitable for children's toys as per EN 71-3

### Range of use:

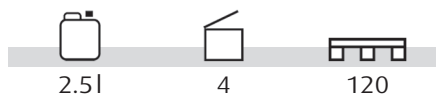
Suitable for initial impregnating treatment of hardwood floors. Suitable for children's toys, as the requirements of DIN EN 71-3 - "Migration of certain elements" are met. Anti-slip as per DIN EN 16165:2021-12 evaluation group R10. Suitable for virtually all types of European and exotic timber. Note the LOBA wood types list, which can be found at [www.loba.de](http://www.loba.de). If in doubt, consult the factory.



## Technical Data

### Art.-no.

10501



### Solids

99 ±2%

### Contents

modified vegetable oils, siccatives, water, cobalt-free siccatives

### Storage and transportation

36 months of storage stability. No hazardous material according to ADR. Not sensitive to frost.

### GISCODE

Ö20+

26/06/2023



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## Application

- The surface must be professionally sanded. The floor must be dry and free of any old coatings, oil, grease, wax, silicone, sanding dust and other impurities.
- The optimal processing conditions are room temperature +15°C to +25°C, floor temperature +15°C to +22°C, rel. humidity 40% - 65%, material temperature +18°C - +25°C, max. wood moisture 12%, sufficiently ventilate working rooms.
- In order to prevent parquet damage, the room temperature should be set to the annual average expected for the use of the product.
- Transfer material to a LOBA varnish bucket before applying.
- Shake the contents well.
- Observe general and, if necessary, product-specific occupational health and safety regulations. Further information can be found in the GISCODE-related operating instructions which are available under [www.wingis-online.de](http://www.wingis-online.de).
- This product is part of the LOBA and Wakol "Connected Systems". The approved combinations with Wakol parquet adhesives may be found in the "Connected Systems" Matrix: [www.loba.de/connected-systems](http://www.loba.de/connected-systems)

## Thinner / Mixing

The product is ready for use and must not be reduced!

## Application tool / application rate

LOBA oil roller Microfaser 60-80 or LOBA trowel / 30-60 ml (g)/m<sup>2</sup>, depending on the absorbency of the substrate. Equalise with LOBASAND SpecialPad beige.

## Drying time

- Can be walked on after 12 hours.
- Light stress after 24 hours.
- Full Stress and coverage after 10 days.
- The floor can be covered earlier by using LOBA Cover 400, for details see the TI for the product.

## Roller application:

- Prepare the substrate.
- Apply a thin layer of oil using the LOBA oil roller Microfaser 60-80.
- Allow to work for around 1 hour.
- Equalise with the single-disc machine and the LOBASAND SpecialPad beige underneath.

## Roller and trowel application for areas with heavier wear:

- Apply a thin layer of oil using the LOBA oil roller Microfaser 60-80.
- Allow to work for around 1 hour.
- Equalise with a single-disc machine and the LOBASAND SpecialPad beige underneath.
- Drying overnight.
- Apply oil in sections with a LOBA trowel.
- Immediately equalise with the single-disc machine and the LOBASAND SpecialPad beige underneath.

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## Application

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### Important information

Excess material must be completely removed during equalisation. Drying delays are possible on some exotic timbers. Keep soaked cloths, pads and other tools in closed containers. Moisten oil in combination with sanding dust, fabric cloths and so on with water or store in a sealable bucket and dispose of in a fire-safe manner, since otherwise there is a risk of self-ignition.

Trowel applications are only possible with joint-sealed wooden flooring. Oil that penetrates joints will not dry completely over a long period.

## General guidelines

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**Cleaning of tools:** Clean tools with solvents such as brush cleaner.

**Drying time:** The indicated drying times are valid for +20°C and 50% relative humidity, and assume careful, draught-free ventilation of the working area. Lower temperatures, higher relative humidity or poorer ventilation lead to longer drying times. Do not apply any protective coverings, wet clean the surface or lay carpet until the coating has achieved its final hardening. Product-specific data can be found in the relevant technical information.

**Side bonding:** Parquet that has not been shear-resistantly bonded in place, wood planks, wooden pavings, industrial parquet and parquet on underfloor heating as well as types of wood with a short moisture changing times (e.g. beech) show dimensional changes caused by quickly varying climate (rel. air humidity, temperature). When applying oil side bonding and thus unregular cracks in joints can not appear.

**Interactions:** Materials such as carpet underlays, furniture legs, castors, flexible adhesives used for parquet or for fixing can lead to softening and discoloration. Material building up in the joints can adversely affect touch and appearance. Exposure to hair dyes or rubber tyres on cars, motorcycles and cycles can lead to permanent, irreversible discoloration of the surface.

**Connected Systems:** Connected Systems approved products are optimized in such way that no dark discoloration, caused by chemical interaction between surfacetreatment and adhesive occurs, when applied in accordance with the technical datasheets.

The information in this document and all other advice and recommendations that we provide to help and assist the applicator are based on previous experience and relate to Spezial conditions. Because of the wide range of possible uses and conditions of application of our products, we do not relieve users from the need to carry out their own trials or to seek technical advice by speaking to the LOBA application engineering department. Observe the floor covering manufacturer's recommendations and the provisions of the current standards. Our liabilities and responsibilities are exclusively in accordance with our Terms and Conditions and are not extended by this information or by our advice. The publishing of a new technical data sheet automatically invalidates the earlier version.

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