

2K ImpactOil Color

Various colors



HIGH-SOLID OIL COLOR



Solvent-free floor oil for the highest demands

Colored, solvent-free 2-component high-solids oil for wood floors. Accentuates the natural character of the wood and achieves an excellent properties. As a result, suitable for public and private areas with high quality demands, and can even be used in wet areas. Due to its good penetration properties the wood will be preserved, but remains porous and breathable. Compared to regular 1C oils the 2C technology achieves a quicker curing, a lower susceptibility to dirt and a better water and chemical resistance.

- Excellent water resistance for parquet flooring in wet zones such as bathrooms or spa areas
- Time-saving processing in a 1-day system
- Extremely economical to use
- 100% solid – solvent-free
- All variants can be mixed with each other
- Easy and safe application
- Certified anti-slip properties as per DIN EN 16165:2021-12 for work areas
- Suitable for children's toys as per EN 71-3
- Oxime and cobalt free

Range of use:

For staining parquet and wood flooring. Suitable for initial impregnation of wood flooring. Anti-slip as per DIN 51097 evaluation group B and DIN EN 16165:2021-12 evaluation group R10. Suitable for children's toys, as the requirements of DIN EN 71-3 - "Migration of certain elements" are met. Suitable for virtually all types of European and exotic timber. Note the LOBA wood types list, which can be found at www.loba.de. If in doubt, consult the factory. For coloring parquet and wooden floors before surface treatment with HardwaxOil.

Technical Data

ART.-NO.			
10610	750 g	4	400

All colors are also available in sample cans.
10610-90 / SampleSet / 17 x 100 ml + 5 x 100 ml PreTone

Storage and transportation
GISCODE

36 months of storage stability.
Not sensitive to frost.
Ö10/DD+

Technical Data



Color samples are not binding

Application

- Stir the mixture, add the hardener in a ratio of 10:1 and stir in well (also possible by machine with LOBA Paint mixer). If partial quantities are to be mixed, these must be weighed out. After mixing, transparent oil can be used for 2 hours while color oil can be used for 1 hour.
- 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.
- For other application methods, parameters such as drying times and consumption may differ.
- Shake the contents well.
- The innate color of the wood used, its structure and its pore properties, as well as the fineness of the sanding pattern, also have a major impact on the color that can be achieved. We strongly recommend to produce a color sample on the original wood using site-appropriate sanding techniques to check the result by yourself and if necessary for approval by the project client.
- Note the LOBA "Sanding instructions for coloring parquet flooring".
- Before using the color variants, we recommend carrying out a test application to assess the color tone that can be achieved and the overall visual effect. The colors can be mixed with each other. For lightening, or to reduce the coverage, the transparent variant can be added in. For an even color coverage, pigment saturation is required; dilution should therefore be carried out at most with three parts of transparent and one part color variant.
- If more than one container is being used for large areas, the

total quantity must be mixed before work commences in a large container.

- On flooded surfaces, the deep penetration of the pigments into the wood means that it is not possible to restore the surface to its original condition. Observe TTT "Moistening wood surfaces".
- 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.
- 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

THINNER / MIXING

To lighten the shade or to reduce the coverage, mix with the transparent variant. Max. 3 parts transparent to one part color.

APPLICATION TOOL / APPLICATION RATE

LOBA trowel or LOBASAND SpecialPad Beige: approx. 30 g/m² per coat (approx. 33 m²/kg),
 LOBA Oil Roller Microfibre 60-80: approx. 60 g/m² per coat (approx. 16.7 m²/kg),
 depending on the absorbency of the substrate. Level every application method using the LOBASAND SpecialPad Beige.

DRYING TIME

- Can be walked on after 12 hours.
- Usable after 48 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.

Application

OPTIONAL PRETREATMENT FOR ACHIEVING SPECIALEFFECTS

- Moisten the substrate to improve durability
- Pigment stain (LOBA Pretone) to intensify the colour

APPLICATION:

Trowel application:

- Apply LOBA 2K ImpactOil Color with a LOBA trowel.
- Allow to work.
- Around 20 minutes after starting to apply the oil, equalise it with the single-disc machine and LOBASAND SpecialPad beige underneath.
- Trowel on a second application of LOBA 2K ImpactOil Color.
- Allow to work.
- Around 20 minutes after starting to apply the oil, equalise it with the single-disc machine and LOBASAND SpecialPad beige underneath.
- Remove excess completely.

Pad application for floors with joints and bevelled plank floors:

- Apply LOBA 2K ImpactOil Color directly on a LOBASAND SpecialPad beige.
- Massage in the oil using a single-disc machine.
- Equalise with a new (dry) LOBASAND SpecialPad beige.
- Remove excess completely.
- Dry overnight
- Apply LOBA 2K ImpactOil Color directly to a LOBASAND SpecialPad beige.
- Massage in the oil using a single-disc machine.
- Equalise with a new (dry) LOBASAND SpecialPad beige.
- Remove excess completely.

Further information on this technique can be found in our "Technical Tips and Tricks", which can be viewed at www.loba.de.

APPLICATION IN COMBINATION WITH LOBA HARDWAXOIL

- Apply 2K ImpactOil Color, allow to take effect
- Approximately 20 minutes after starting the application, level with single-disc machine and SpecialPad beige
- Dry for 24 hours.
- Apply HardwaxOil thinly and evenly with the LOBA Oil Roller Microfiber 60 - 80 or LOBA Oil Brush (approx. 40 - 60 ml/m² ; 20 m²/l).
- In the case of highly absorbent substrates, an additional roller application may be necessary after intermediate sanding with LOBASAND sanding fleece and LOBASAND hook-and-loop strips placed underneath to achieve a homogeneous fullness.

IMPORTANT INFORMATION

Not approved for spray application.

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

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

Fire protection:

Layer-forming systems:

To comply with DIBt approval and achieve fire protection class Cfl-s1 in accordance with DIN EN 14342, Table 1, a dry film thickness of max. 100 µm is required for finishes and max. 50 µm for hard wax oils.

Non-film-forming systems:

To achieve fire protection class Cfl-s1 in accordance with DIN EN 14342, Table 1, an application quantity of 20 to 60 g/m² must be observed.

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-resistently 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 irregular cracks in joints can not appear.

General guidelines

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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