

TECHNICAL INFORMATION

MarkantColor VARIOUS COLORS



Even degree of gloss and full appearance

Colored natural hardwaxoil. High-quality, layer-building oils accentuate the natural look of the wood and at the same time achieve excellent resistance to dirt and water.

- Film-forming, wear-resistant
- Smooth and full bodied appearance
- Water and dirt resistant
- Easy and safe application
- Accentuates the natural beauty of the wood
- All variants can be mixed with each other
- Suitable for children's toys as per EN 71-3

Range of use:

For staining of parquet and hardwood floors. 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.



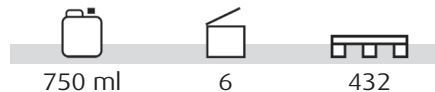
Loba GmbH & Co. KG
Emissionsgeprüftes Bauprodukt
nach DIBt-Grundsätzen
Z-157.10-193



Technical Data

Art.-no.

10508



All colors are also available in sample cans.

| | |
|----------------------------|--|
| Solids | 58.4 ±2% |
| Contents | aliphatic hydrocarbons, modified vegetable oils, pigments, vegetable waxes, siccatives |
| Storage and transportation | 36 months of storage stability. No hazardous material according to ADR. Not sensitive to frost. |
| GISCODE | Ö60 |
| 2004/42/CE | EU limit value for this product (cat. A/i): 500 g/l (2010). This product contains max. 476 g/l VOC. |

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Technical Data

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|--------------|--|--|--|--|--|--|---|
| Basic colors |  |  |  | | | | |
| | 900005 Black | 900126 White | 900148 Grey | | | | |
| Wood colors |  |  |  |  |  |  |  |
| | 800099 Mahogany | 800127 Walnut | 800132 Smoked oak | 800145 Kambala | 800149 Sucupira | 800150 Wenge | 800200 Antique oak |
| Trend colors |  |  |  |  |  |  |  |
| | 700133 Papyrus | 900127 Chalk | 900143 Oyster | 900144 Clay | 900145 Sand | 900146 Pearl | 900147 Silver |

Color samples are not binding

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Application

- The surface must be sanded properly, wood moisture content max. 12%.
- The floor must be dry and free from any old coatings, oil, grease, wax, silicone, sanding dust and other contaminants. Room temperature +15°C to +25°C, relative humidity 40% to 65%, material temperature +18°C to +25°C. Ensure working areas are adequately ventilated.
- Transfer material to a LOBATOOL varnish bucket before applying.
- 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 the general and, if available, the product-specific health and safety instructions. More specific information relating to GISCODE can be found in the usage instructions, which are available at 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

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

Application tool/application rate

Trowel application: LOBATOOL trowel / approx. 20 ml/m² (50m²/l)

roller and brush application: LOBATOOL oil roller Microfaser 60-80 or LOBATOOL oilbrush / approx. 60-100ml/m² (12m²/l)

Drying time

- Earliest possible overcoating after 12 hours.
- However within 24 hours.
- Can be walked on after 12 hours.
- Usable after 24 hours.
- Coverage after 10 days.
- The floor can be covered earlier by using LOBATOOL Cover 400, for details see the TI for the product.

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Application

Applying MarkantColor:

For coloring especially, we recommend following our sanding recommendations "Sanding instructions: coloring parquet flooring"

- Carefully apply MarkantColor in sections using a LOBATool trowel. On old floors with joints or bevelled wood planks, use the LOBATool oil roller Microfaser 60-80 as the wiper (do not roll).
- Immediately equalise with a single-disc machine and the LOBASAND SpecialPad beige underneath.
- Dry overnight, maximum 24 hours.
- Roll on a thin and even layer of Markant transparent using the LOBATool oil roller Microfaser 60-80. For light MarkantColor colors, MarkantNature can be applied as an alternative to the transparent version.

Important information

In the case of interim drying periods of more than 24 hours, an interim sanding must be carried out before the application of a second layer. This is not possible with MarkantColor, hence the maximum interim drying periods must be unfailingly complied with. Otherwise adhesion problems will occur.

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.

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General guidelines

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.

Safety notes: Flammable solvent vapours emerge during the drying process when working with products containing high quantities of solvents. As a result, fire, naked light, welding, smoking and so on are prohibited in the immediate vicinity of such products. Ventilate working areas and storage rooms well. Electrical equipment in workrooms and ancillary rooms must be switched off in sufficient time to ensure that they are cold when work begins. Any spark generation, including on electrical equipment, must be avoided. Keep material containers tightly closed. Solvent sensitive components, plants or animals (fish tanks) must be removed from areas at risk of exposure to solvent vapours.

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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