

TECHNICAL INFORMATION

OptiFinish SEMI-GLOSS



Waterborne 1-Component finish for wooden floors. For heavy wear. Balanced properties with maximum processing reliability. Low-bonding, good chemical and abrasion resistance.

- High filling capacity
- Can be used in full structure
- Good price/performance ratio
- Simple and safe application
- Reduces side bonding
- Good technical properties

Range of use:

Suitable for parquet and hardwood floors.



Loba GmbH & Co. KG
Emissionsgeprüftes Bauprodukt
nach DIN-Grundsätzen
Z-157.10-19



Technical Data

Art.-no.

11503

5 l	4	128
10 l	-	60

Gloss level approx.*

31

Solids

30 ±2%

Viscosity DIN 4

20 ±2s

Storage and transportation

12 months of storage stability. No hazardous material according to ADR. Store and transport between +5 to +25°C. Protect from frost.

GISCODE

W3+

2004/42/CE

EU limit value for this product (cat. A/i): 140 g/l (2010).
This product contains max. 70 g/l VOC.

* The degree of gloss is measured at 60° on glass. It depends on the layer thickness and ambient conditions (temp., rel. humidity) during the drying process. The values are intended merely as a guide.

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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 75%, 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.
- 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.

Thinner

The product is supplied ready for use and must not be diluted!

Application tool/application rate

LOBATOOL roller Deluxe 120 / 100-120 ml(g)/m² = 8-10m²/l(kg)

LOBATOOL roller Microfaser 100-120 / 80-100 ml(g)/m² = 10-12m²/l(kg)

Intermediate sanding

Able to recoat without intermediate sanding within the first 24 hours. After this time, an intermediate sanding is necessary. An intermediate sanding before the last application will achieve an even finish. Use LOBATOOL perforated pad P120 or finer, alternatively Sanding Net P120 or finer. Carefully remove dust before overcoating.

Drying time

- Earliest possible recoating after 4-6 hours.
- Careful use possible after 4-6 hours.
- Earliest possible intermediate sanding after 8-10 hours.
- Light use after 24 hours.
- Full use and covering possible after 5 days.
- The floor can be covered earlier by using LOBATOOL Cover 400, for details see the TI for the product.

We recommend using a primer:

to minimise side bonding and to seal off wood constituents, e.g. in exotic timber.

- WS EasyPrime.
- OptiPrime.
- PrimaSeal Plus (contains solvent).

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Application

Use on parquet and hardwood floors:

- Prepare and prime the substrate properly.
- Allow the primer to dry as specified.
- Apply by roller.
- Dry.
- Intermediate sanding.
- Apply second coating layer by roller.

Alternative build-up without priming:

Only with rigid bonding for timber types oak, ash, maple and light beech. For moisture-sensitive woods, parquet on underfloor heating and in restoration cases we recommend only carrying out one application of finish per day.

- Prepare the substrate correctly.
- Roll on OptiFinish.
- Drying.
- Roll on a second layer of OptiFinish.
- Drying.
- Intermediate polish.
- Roll on a final layer of OptiFinish.



General guidelines

Cleaning of tools: Clean tools and equipment immediately with water.

Drying time: The indicated drying times are valid for +20°C and 55% to 65% 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.

Intermediate sanding: Where several layers of coatings are applied, if any layer is not overcoated within 24 hours, then the only way to ensure adequate bond between the layers is by intermediate sanding. An intermediate sanding before the final application will achieve an even surface. Carefully clean off the dust after intermediate sanding.

Use with or without a primer: The use of a primer increases application reliability and ensures a finish free of lap marks and stripes, almost irrespective of the wood type. Further details can be found in the LOBA wood type list in the current product catalogue.

Edge bonding: Waterborne coating systems usually show a tendency for edge bonding. Several measures can be taken to minimise the formation of irregular joints and the associated locking effect. The use of shear-resistant or permanently elastic adhesive to glue the parquet, careful filling of the joints with wood putty, use of suitable primers, such as LOBADUR WS EasyPrime, pretreatment of the groove sides on solid wood boards with wax compatible with the coating before laying. Taking steps to ensure that the room climate, in particular the relative humidity, remains constant. (Careful advising of the customer is recommended). Old floors with damaged, weak adhesives, and flexibly glued or nailed parquet, plank flooring, wood block flooring, industrial parquet, as well as parallel parquet, parquet on underfloor heating, and woods which change their moisture content quickly, such as beech and maple.

Interactions: Materials such as carpet underlays, furniture legs, castors, flexible adhesives used for parquet or for fixing can lead to softening and discolouration. 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 discolouration of the surface.

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 normal 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.

