

# Whitener



ADDITIVE



## The versatile brightening system



Additive for brightening wood surfaces. For the most various requirements - can be used in different systems. LOBA Whitener is an additive that is added to water-based LOBA primers and finishes for a smooth brightening of wood floors. The intensity of the whitening may be individually controlled by variable application in one or more layers.

- Creates a smooth brightening of the wood surface
- Intensifies the whitening effect of white colored surfaces
- Variable control of brightening intensity
- May be combined with all water-based primers and finishes from LOBA
- Reduces the natural yellowing of the wood
- Provides individual design options
- Water-based technology, solvent-free
- Simple and safe application

## Range of use:

Suitable for all light wood species as well as light-colored wood surfaces. For dark wood species we recommend consultation with LOBA. Preferably recommended for satin finishes.

## Technical Data

ART.-NO.		
11540	80 ml	15

<b>Solids</b>	8 ±2%
<b>Storage and transportation</b>	24 months of storage stability. Store and transport between +5 to +25°C. Protect from frost. No hazardous material according to ADR.
<b>GISCODE</b>	W1

## Application

- **Avoid lapmarks:** The darker the substrate, the higher the risk of lapmarks. Material must not be poured on the floor. Use LOBA finish bucket and apply directly with a recommended applicator.
- The use in matt finishes reduces the risk of lapmarks.
- Preferably use in at least two layers.
- Apply LOBA products with Whitener as evenly as possible, avoiding puddles and overlaps. Ensure an even application rate. Apply edge areas with the LOBA edge roller.
- The color effect depends on the type of wood. In order to assess the achievable color shade and the overall optical effect, we recommend to prepare a color sample on the original wood for your own examination and, if necessary, for approval by the building owner.
- Wood species with water-soluble wood components (e.g. tannic acid) whose intensity can vary within a surface can influence the effect of the additiv.
- 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).

### MIXING:

- Shake LOBA Whitener and finish well.
- Add just before application.
- Add a maximum of one container of 1x80ml to 5L/kg of finish.
- Shake or stir in thoroughly (also possible mechanically with a LOBA paint mixer).
- In the case of two-component systems, LOBA Whitener is added after the hardener is worked into the mass!
- 1K finish mixed with LOBA Whitener must be applied within 24 hours, 2K finishes within the indicated application time. Longer stability is not guaranteed.

### SUITABILITY:

Can be combined with all water-based LOBA finishes and primers. The processing properties of the finish, its product combinability and the drying time remain unchanged. Please note the TI of the corresponding finish.

## General guidelines

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

**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.

**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:** Generally all finishes can be used 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:** Water-based 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 firm elastic adhesive to glue the parquet, careful filling of the joints with wood putty, use of suitable primers, such as LOBA 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 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.

## General guidelines

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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