

# TECHNICAL INFORMATION

## Hybrid SATIN

ADVANCED  
TECHNOLOGY



Oil-modified Water-based 1-Component polyurethane finish for wooden floors. For heavy wear. In addition to the film-forming process common in Water-based finishes, an oxidative curing reaction produces exceptional finish properties, above all high scratch resistance.

- Outstanding durability and chemical resistance
- Astonishing color
- Superior levelling, easy to use
- Application without primer
- No side bonding
- No white line marks
- Optimally suited for exotic wood species
- 75% cured after 24 hours

### Recommended use:

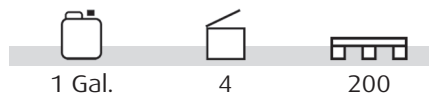
Light commercial and high traffic domestic areas. Suitable for wood floors.



## Technical Data

**Art.-no.**  
11049

**Item-#:**  
LO-FI-067



Gloss level approx.\*

20

Solids

36 ±2%

Viscosity DIN 4

25 ±2s

Storage and transportation

Shelf life: 12 months in unopened containers. Store and transport between 40°F to 80°F (5°C to 25°C). KEEP FROM FREEZING.

US Regulatory VOC

< 198 g/l

\* 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

- For professional Use only!
- BEFORE USING, READ AND UNDERSTAND ALL LABEL INSTRUCTIONS AND MATERIAL SAFETY DATA SHEETS.
- For technical advice call our LOBA-WAKOL Technical Service at 1-800.230.6456.
- Sand and prepare floors according to NWFA instructions.
- **WARNING!** If you scrape, sand or remove old paint from wood floors, you may release lead dust. Follow local and/or federal requirements for lead removal. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).
- ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY, APPEARANCE AND DESIRED RESULTS.
- Shake material well before use.
- Do not thin. Do not add water.
- Do not apply at temperatures below 55°F. Make sure material is at room temperature. Always maintain adequate ventilation during all phases of the coating and drying process.
- Apply evenly at the recommended coverage rate. Avoid streaks and puddles and lap marks.
- For applications on white oak, the use of WS EasyPrime is necessary. Allow WS EasyPrime to cure overnight prior to the application of Hybrid <sup>A.T.</sup>
- 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": <https://www.loba.de/us/connected-systems/>

## Application Tool

LOBATOOL roller Microfiber 100-120, T-bar, Trim Pad, Lambswool, Brush, Roller

## Coverage

500-600 square feet per gallon per coat.

## Screen and Recoat

Clean floor, screen with 180 grit perforated pad (or equivalent) or maroon pad. Remove all dust. Apply finish. Always prepare test areas to determine compatibility, appearance and desired results. Do NOT use finish on Factory finished floors.

## Drying time

- Earliest possible recoating after 4-6 hours
- Fully cured after 5 days
- If there is a delay in drying wait until you can see that the surface is completely dry.



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## Application

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### Suitable product combinations

Primers:

- WS EasyPrime
- HS 2K Intensive <sup>A.T.</sup>

Stains:

- HS 2K IntensiveColor <sup>A.T.</sup>
- Stain.

Follow Technical Instruction for the product.

### Recommended Procedure for wood floors:

3 Coat application for commercial use:

- Apply Hybrid <sup>A.T.</sup> (alternatively WS EasyPrime).
- Allow to dry for 4-6 hours . (WS EasyPrime: 60-90 min; on white oak: 16 hours).
- Apply Hybrid <sup>A.T.</sup> .
- Allow to dry for 4-6 hours.
- Intermediate sanding with 180 grit perforated pad (or equivalent) to remove grain raise.
- Vacuum and tack with water dampened towel to remove all dust.
- Apply Hybrid <sup>A.T.</sup>.

2 Coat application for residential use:

- Apply Hybrid <sup>A.T.</sup>.
- Allow to dry for 4-6 hours.
- Intermediate sanding with 180 grit perforated pad (or equivalent) to remove grain raise.
- Vacuum and tack with water dampened towel to remove all dust.
- Apply Hybrid <sup>A.T.</sup>.

### Compatibility

When this product is used in combination with other LOBA products the Technical Information of these products have to be followed. Always prepare test areas to determine suitability of other products than LOBA.

## General guidelines

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

**Floor Care:** Clean floor with damp cloth or mop only after full cure is reached. Do not clean with water or detergent during the first week. After one week we recommend the use of LOBA Hardwood Floor Cleaner. Put walk-off mats at all entrance doorways to minimize dirt and grit. Sweep or vacuum daily and damp-wipe with LOBA Hardwood Floor Cleaner. Use felt pads under furniture legs and appliances. Place furniture and other heavy appliances carefully.

**Plasticizer containing materials:** Plasticizer containing materials e.g. carpet padding, furniture padding, chair rolls, elastic



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### General guidelines

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glues etc. could lead to softening and discoloration of the finish.

Visit [www.loba-wakol.com](http://www.loba-wakol.com) for additional information and instruction about floor care and maintenance.

**Cure Time:** The stated drying and cure times are based on ideal conditions (68°F, 65% rH) at the recommended application rates. Recommended conditions are 50°F-80°F/40-75%rH). Insufficient ventilation, high humidity, lower temperatures, increased coat thickness can prolong the curing process considerably. Do not use safety covers on floor, do not replace carpets or rugs and also do not clean floors with a damp cloth before the final curing has been reached.

**Intermediate sanding:** When several layers of finish are being applied successive coats can be applied within 24 hours without intermediate sanding. After 24 hours and intermediate sanding must be performed. An intermediate sanding before the final application is recommended and will achieve a smoother surface. Carefully clean off the dust after intermediate sanding.

**Use with or without a primer:** Some finishes can be used without a primer. The use of a primer increases application reliability and decreases risk of application marks in most wood types. Further details can be found in the LOBA wood type list in the current product catalogue.

**Side bonding:** Water-based coating systems usually show a tendency for side bonding. Several measures can be taken to minimize the formation of irregular joints and the associated locking effect. The use of shear-resistant or permanently elastic adhesive to glue the hardwood flooring, careful filling of the joints, use of suitable primers, such as LOBADUR WS EasyPrime. Taking steps to ensure that the room climate, in particular the relative humidity, remains constant. (Education of the customer is recommended). The risk of side bonding is greater with old floors with damaged, weak, or very flexible adhesives and wood flooring installed over underfloor heating, and woods which change their moisture content quickly, such as beech and maple.

**Safety Precautions:** Even when working with low or zero-emission products the usual safety measures must be taken. Keep away from children. Do not eat, drink or smoke in working areas. Wear suitable safety gloves. Clean left-overs off of hands. Change soiled clothes.

**First Aid:** If swallowed, do not induce vomiting. Call for medical help immediately. Never give anything by mouth to an unconscious person. If breathing is difficult or other respiratory complaints, remove to fresh air and get medical attention. In case of eye contact, immediately flush eyes for several minutes under running water. Generally this product does not cause skin irritation. Call a physician if irritation occurs.

**Special Information** The information in this document and any other information or advice we provide is intended for our customers only, and all information and advice is subject to the terms and limitations in Loba-Wakol's General Terms and Conditions, including without limit its limited warranty ("Terms"). The Terms are not expanded, changed or waived by the information in this document or by any information or advice given by Loba-Wakol. Loba-Wakol has no relationship or obligation to anyone other than the customer that originally purchases the product from Loba-Wakol. The information in this document and any other information or advice we provide is the result of our prior experience and our knowledge of our products. Due to the wide variety of application possibilities and processing conditions, it is the customer's responsibility to test our product for suitability for its intended purpose. When in doubt, call our Technical Service for support. Technical Information is also available by visiting our website [www.loba-wakol.com](http://www.loba-wakol.com). You must read and understand, and have your professional installer read and understand, all information contained in our Terms and in our published specifications, technical data sheets, written directions for installation, use and maintenance, and labels on the product. If you have any questions during application or use, immediately stop the application and use and contact our Technical Service. For information about other products offered by Loba-Wakol, please check the technical information concerning those products.

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The words or symbols denoted by ® stand for trademark rights that are at least registered and protected in the territory of Germany.

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

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