

# TECHNICAL INFORMATION

## WS Rush SATIN

ADVANCED  
TECHNOLOGY



Optimized  
Formula

UV-curing 1-Component Water-based polyurethane finish for wooden floors. For extremely heavy wear. No more waiting times and downtimes for your customers. Full robustness and extremely low emissions, allowing use immediately after the UV curing process.

- Instant cure - no waiting time
- Immediately 100% performance
- Commercial durability
- High solid formula
- Easy to use, no lap marks
- No foaming, very good levelling

### Recommended use:

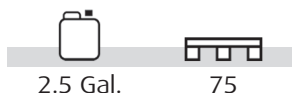
For high traffic commercial areas. Suitable for wood floors. Can be used to recoat finished wood floors. Full use of the floor is possible immediately after the curing process. No waiting time.



## Technical Data

**Art.-no.**  
11611

**Item-#:**  
LO-FI-129



Gloss level approx.\*

27

Solids

37 ±2%

Viscosity DIN 4

20 ±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

< 10 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!
- Filter material before use.
- BEFORE USING, READ AND UNDERSTAND ALL LABEL INSTRUCTIONS AND MATERIAL SAFETY DATA SHEETS.
- BEFORE USING, READ AND UNDERSTAND AND FOLLOW ALL SAFETY INSTRUCTIONS GIVEN BY THE UV-MACHINE MANUFACTURER.
- For technical advice call our LOBA-WAKOL Technical Service at 1-800.230.6456.
- Sand and prepare floors according to NWFA instructions.
- 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.
- The UV-curing process is carried out with an UV-curing unit, with a capacity of approx. 3000watt/ozone-free. In order to achieve a full curing a light intensity of at least 300mj/cm<sup>2</sup> has to be achieved. For example with the DecoRad® Floormate. At a speed of 8m/min (08.0 on Display).
- WS Rush <sup>A.T.</sup> reacts sensitive to light. The container has to be closed immediately after use.
- Before the operation of the UV-curing unit all safety instructions from the machine manufacturer have to be observed. The working area has to be marked visibly for everyone and should be sectioned off.
- The use of specific safety goggles or safety visors is required; UV-light can cause eye damages.
- Skin has to be covered completely by suitable clothes.
- 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 Universal 100., T-bar, Mobile UV lamp e.g. DecoRad® Floormate

### Coverage

400-500 square feet per gallon per coat.

### Drying time

- Can be carefully walked on after 3 hours.
- Earliest possible UV-light curing after 3 hours.
- Intermediate sanding immediately after UV hardening.
- Final hardness immediately after UV curing.
- If there is a delay in drying wait until you can see that the surface is completely dry.

### Recommended Procedure for re-coating of wood floors:

Always perform the "cross Hatch" test and the "cointest" test compatibility of the finish prior to full scale application on a test area.

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### Application:

- Remove all wax, oil, grease and dirt by deep cleaning the floor with LOBA Remover (follow instructions on technical data sheet of Remover)
- Perform intermediate sanding with 180 grit perforated pad (or equivalent)
- Apply WS Rush <sup>A.T.</sup>
- Let dry 3 hours
- Light-cure with a UV-curing unit @ 300mj/cm<sup>2</sup>

### Check: Check following features on the test area during and after the application

- Most important test the adhesion immediately after UV-curing by performing a coin test and cross hatch test. See pictures below.
- ASTM Adhesion TEST
- Make sure the surface looks ok. No disturbances and even gloss level.

### If the tests performed are positive apply procedure as described above full scale.

Also regard technical information of all the mentioned products.

### Recommended Procedure for finishing wood floors:

- Apply WS EasyPrime and let dry according to the technical data sheet
- Apply WS Rush <sup>A.T.</sup>
- Let dry 3 hours
- Light-cure with a UV-curing unit @ 300mj/cm<sup>2</sup>
- Intermediate sanding with 180 grit perforated pad (or equivalent)
- Apply WS Rush <sup>A.T.</sup>
- Let dry 3 hours
- Light-cure with a UV-curing unit @300mj/m<sup>2</sup>

### Recommended Procedure for finishing wood floors in combination with LOBADUR® Stain:

- Apply Stain according to the technical data sheet
- Let dry 2 hours
- Apply WS EasyPrime and let dry according to the technical data sheet
- Apply WS Rush <sup>A.T.</sup>
- Let dry 3 hours
- Light-cure with a UV-curing unit @ 300mj/cm<sup>2</sup>
- Intermediate sanding 180 grit perforated pad (or equivalent)
- Apply WS Rush <sup>A.T.</sup>
- Let dry 3 hours
- Light-cure with a UV-curing unit @300mj/m<sup>2</sup>

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### Application

#### 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

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

**Floor Care:** Clean floor with wet cloth or mop only after UV-curing. We recommend the use of Hardwood Floor Cleaner. Put walk-off mats at all entrance doorways to minimize dirt and grit. Sweep or vacuum daily and damp-wipe with 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 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. The floor has reached its final durability immediately after UV curing, carpets and rugs can be replaced, safety covers can be used immediately after the UV-curing process.

**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

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### General guidelines

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.

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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