

# TECHNICAL INFORMATION

## 2K Supra SATIN



Waterborne 2-Component polyurethane finish for wood and cork floors. For extremely heavy wear. Elastic, excellent chemical and abrasion resistance.

- Waterborne polyurethane formula for extreme wear resistance
- Excellent build through high solid content
- Easy to use, no lap marks
- Non-yellowing

### Recommended use:

For high traffic commercial areas. Suitable for wood floors. Can be used to recoat factory finished UV cured wood and cork floors in conjunction with WS 2K Contact.



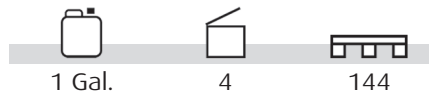
## Technical Data

### Art.-no.

11002

### Item-#:

LO-FI-048



Gloss level approx.\*

18

Solids

37 ±2%

Viscosity DIN 4

31 ±2s

Storage and transportation

Shelf life: 12 months in unopened containers. Store and transport between 41°F to 77°F. KEEP FROM FREEZING.

US Regulatory VOC

< 130 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

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- For professional Use only!
- BEFORE USING, READ AND UNDERSTAND ALL DIRECTIONS 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.
- ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY, APPEARANCE AND DESIRED RESULTS.
- POT LIFE: 2 hours. Shake base well, add hardener to base at a ratio of 10 : 1 and then shake to mix. For mixing smaller quantities, use the LOBATool Mixing Container or a scale to weigh out the components.
- 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.
- 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](http://www.loba.de/connected-systems)

### Application Tool

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

### Coverage

500-600 square feet per gallon.

### 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. Prefinished wood floors can be recoated without sanding if WS 2K Contact is used as an adhesion promoter before coating, therefore regard Technical Information of WS 2K Contact.

### Drying time

- Earliest possible recoating after 2-3 hours.
- Fully cured after 5 days
- If there is a delay in drying wait until you can see that the surface is completely dry.

### 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.

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### Application

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#### Recommended Procedure for wood floors:

- Prepare and prime the substrate properly, according to directions.
- Allow the primer to dry as specified.
- Apply Finish.
- Allow to dry for 2-3 hours.
- Intermediate sanding with 180 grit perforated pad (or equivalent)
- Apply second layer of Finish.

#### Recommended Procedure for cork floors:

Seal cork only after the glue has sufficiently set (regard manufacturer's information)  
Roll on a maximum of 2 coats per day

Untreated natural cork:

- Roll three coats of Finish onto surface.
- After the first coat drying over night (reduces risk of granule swelling).
- Intermediate sanding before the last coat.

Prefinished cork

Note information given by the cork supplier. If suitable for recoating, apply one or two layers of coating after an intermediate sanding.

Renovation / recoating of old coatings

Basic cleaning with Remover. Use a rotary disk buffing machine and a LOBATool SpecialPad green. Care product residues must be completely removed. Even small amounts of residue can adversely effect the bond of the coating. Clean with clear water (neutralise). After drying, carry out a thorough intermediate sanding. Apply coating in one or two layers by roller

#### Compatibility

When this product is used in combination with other LOBA products also the Technical Information of these products has 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 immediately with water.

**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-77°F/40-75%rH). Insufficient ventilation, high humidity, lower temperatures, increased coat thickness can prolong the curing process considerably. The floor can be lightly used 24 hours after application, but is still susceptible to scuffing or marring at this time. Full curing is achieved after 5 days. 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 hardness has been reached.

**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



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### General guidelines

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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:** 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. 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.

**Safety Precautions:** Even when working with low-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. Make sure working areas are ventilated sufficiently. Clean left-overs off of hands. Change soiled clothes. Ventilate working rooms during working and drying time avoiding draft.

**First Aid:** If swallowed, do not induce vomiting. Call for medical help immediately. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If breathing is difficult or other respiratory complaints, get medical attention. In case of contact, immediately flush eyes or skin with plenty of water. Do not use solvents or thinners. Remove contaminated clothing or shoes. For eye contact, rinse opened eye for several minutes under running water. Call a physician if irritation occurs.

**WARNING!** If you scrape, sand or remove old paint from wooden floors, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. 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).

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**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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