

TECHNICAL INFORMATION

WS Rush SATIN

ADVANCED
TECHNOLOGY



Use to the full in the blink of an eye

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

- Sets new standards in quality
- Meets highest demands
- Long durability
- Robust surface
- No waiting time until use

Range of use:

Suitable for parquet and hardwood floors.



Technical Data

Art.-no.

11611



Gloss level approx.*

27

Solids

37 ±2%

Viscosity DIN 4

20 ±2s

Storage and transportation

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

GISCODE

W2+

2004/42/CE

EU limit value for this product (cat. A/i): 140 g/l (2010).
This product contains max. 3 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

- Curing is performed using a mobile UV lamp with an output of approx. 3,000 Watt / ozone-free. For full curing, a radiant intensity of at least 300 mJ/cm² is required, e.g. with the DecoRad® Floormate, at a speed of 8m/min (display 08.0).
- The paint is sensitive to light. The container must therefore be closed immediately after use.
- Particular safety conditions must be complied with when operating the mobile UV lamp. Work areas must be clearly marked out for everyone to see and / or cordoned off. Danger of eye damage caused by UV light.
- The use of special Visiere goggles is required due to the risk of eye damage.
- Skin must be fully covered with clothing.
- 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.
- 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

Thinner

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

Application tool/application rate

LOBATOOL roller Universal 100 / 100ml(g)/m² = 10m²/l(kg).

Curing: Mobile UV lamp e.g. DecoRad® Floormate.

Intermediate sanding

Use LOBATOOL perforated pad P120 or finer, alternatively Sanding Net P120 or finer. The surface can only be varnished over following a complete intermediate sanding.

Drying time

- Earliest possible curing after 2-3 hours.
- Can be carefully walked on after 2 - 3 hours.
- Can be given an intermediate sanding immediately after UV hardening.
- Full traffic capability and coverage immediately after UV curing.

We recommend using a primer:

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

- WS EasyPrime.

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Application

Application for parquet and wooden flooring:

- Prepare the substrate properly and prime with LOBADUR® WS EasyPrime (1x rolled).
- Drying of the base as prescribed (1-2 hours)
- Roll on finish.
- Drying.
- Cure with a mobile UV lamp.
- Intermediate sanding.
- Roll on a second layer of finish.
- Drying.
- Cure with a mobile UV lamp.

Application in combination with colouring:

- Prepare the substrate properly. Apply LOBADUR® ProColor (for processing advice, see the technical information).
- Dry overnight.
- Roll on LOBADUR® WS EasyPrime (use LOBADUR® PrimaSealPlus for LOBADUR® ProColor white and oak).
- Drying of the base as prescribed (1-2 hours).
- Apply finish.
- Drying.
- Cure with a mobile UV lamp.
- Intermediate polish.
- Roll on a second layer of finish.
- Drying.
- Cure with a mobile UV lamp.

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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.

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, 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.

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.

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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