2K UltraSport
extra-matte

FINISH

Extremely scuff-resistant

Water-based 2-component polyurethane finish for wooden floors. For extremely heavy wear. In sports and multi-purpose halls, this finish exhibits its exceptional resistance to wear and scuff marks. Elastic, excellent chemical and abrasion resistance.

- Meets the requirements of German and European sports flooring standards
- Extremely high scuff-mark resistance
- Easy and safe application
- Excellent wear resistance
- Meets all requirements of ÖNORM C2354:2009 for the highest stress class

Range of use:

Suitable for parquet, wood-, linoleum- and PVC flooring. Achieves the dynamic coefficient of friction as per DIN 18032 and EN 14904 for sports flooring. Certified FIBA product.

Loba GmbH & Co. KG Emissionsgeprüftes Basisprodukt nach ÖkoBit-Grundsätzen Z-157.10-2

FIBA APPROVED EQUIPMENT

DIN 18032
EN 14904

Technical Data

ART.-NO.			
11401	5 kg	2	96

Gloss level approx.*	11
Solids	37 ±2%
Viscosity DIN 4	32 ±2s
Storage and transportation	12 months of storage stability. No hazardous material according to ADR. Store at +5 to +25°C. No risk of frost damage during transportation.
GISCODE	W3/DD+
2004/42/CE	EU limit value for this product (cat. A/j): 140 g/l (2010). This product contains max. 100 g/l VOC(mixture with hardener).

*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.

14/06/2024

Application

- Shake product, add hardener to base at a ratio of 10 : 1 and then shake to mix. For mixing smaller quantities, use the LOBA Mixing Container or a scale to weigh out the components. Usable up to 2 hours after mixing.
- The surface must be professionally sanded. The floor must be dry and free of any old coatings, oil, grease, wax, silicone, sanding dust and other impurities.
- The optimal processing conditions are room temperature +15°C to + 25°C, floor temperature +15°C to +22°C, rel. humidity 40% - 75%, material temperature +18°C - + 25°C, max. wood moisture 12%, sufficiently ventilate working rooms.
- In order to prevent parquet damage, the room temperature should be set to the annual average expected for the use of the product.
- To reduce the risk of excessive swelling, we recommend applying a maximum of 2 roll applications per day.
- Transfer material to a LOBA varnish bucket before applying.
- 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.

THINNER / MIXING

The product is ready for use and must not be reduced!

APPLICATION TOOL / APPLICATION RATE

LOBA roller Deluxe 120 and LOBA roller Microfaser 100-120 / 100-120 ml(g)/m^2 = 8-10 m^2/l(kg)

INTERMEDIATE SANDING

Able to recoat without intermediate sanding within the first 24 hours. After this time, an intermediate sanding is necessary. An intermediate sanding before the last application will improve the optical appearence of the surface.
Use LOBASAND perforated pad P120 or finer, alternatively Sanding Net P120 or finer.

Carefully remove dust before overcoating.

DRYING TIME

- Can be carefully walked on, intermediate sanding can be performed and can be varnished over after no less than 4 hours.
- Light use after 24 hours.
- Full use and covering possible after 5 days.
- The floor can be covered earlier by using LOBA Cover 400, for details see the TI for the product.
- Drying times are valid for +20°C and 50% relative humidity.

SUITABLE PRIMERS:

- EasyPrime.
- VivaPrime.

Additives

The range of application, properties and appearance can be extended by combining with LOBA additives. Please refer to the technical information of the additives for possible combinations.

USE ON PARQUET AND HARDWOOD FLOORS:

- Prepare and prime the substrate properly.
- Allow the primer to dry as specified.
- Apply by roller.
- Dry.
- Intermediate sanding.
- Apply second coating layer by roller.

LINOLEUM AND PVC:

Basic cleaning with LOBA CareRemover. Use a single disc machine and a LOBASAND SpecialPad green. Care product residues must be completely removed. Even small amounts of residue can adversely effect the adhesion of the coating. Clean with clear water (neutralise). Dry. Industrially finished surfaces must be dulled with a LOBASAND Grid Pad (1 Grid Pad is sufficient für approx. 20m^2).

14/06/2024

General guidelines

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

Fire protection:
Layer-forming systems:
To comply with DIBt approval and achieve fire protection class Cfl-s1 in accordance with DIN EN 14342, Table 1, a dry film thickness of max. 100 µm is required for finishes and max. 50 µm for hard wax oils.
Non-film-forming systems:
To achieve fire protection class Cfl-s1 in accordance with DIN EN 14342, Table 1, an application quantity of 20 to 60 g/m^2 must be observed.

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.

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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14/06/2024