

TECHNICAL INFORMATION

2K InvisibleProtect

ADVANCED
TECHNOLOGY



2 component waterborne thinfilm coating for hardwood floors. For extremely heavy wear. Elastic, excellent chemical and abrasion resistance.

- Looks and feels like natural untreated wood
- Very easy to apply
- Self sealing - no primer needed
- Excellent chemical resistance
- Non ambering, keeps the natural appearance of the wood
- Create the look of natural oil with the prior use of HS 2K Intensive

Recommended use:

Residential as well as high traffic commercial areas. Suitable for wood and cork floors. Meets the OSHA requirements for walking surfaces of 0.5 (ASTM D2047-04).

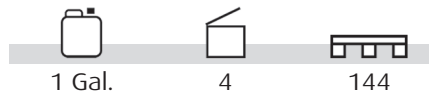


022-074
100% Environmentally friendly / low VOC paint

Technical Data

Art.-no.
11474

Item-#:
LO-FI-238



Gloss level approx.*

9

Solids

32 ±2%

Viscosity DIN 4

28 ±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

< 140 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 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 NFWA 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 LOBATOOOL 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.

Application Tool

LOBATOOOL roller Universal 100

Coverage

400-500 square feet per gallon.

Screen and Recoat

Clean floor, screen with 150 grit 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

Suitable Primers:

No primer necessary, can be used in combination with HS 2K Intensive ^{A.T.} follow Technical Instruction for the product.

9/2018



Application

Recommended Procedure:

- Apply 2K InvisibleProtect ^{A.T.}
- Allow to dry for 4-6 hours
- Intermediate sanding with 150 grit or maroon pad to remove grain raise
- Vacuum and tack with water dampened towel to remove all dust.
- Apply 2K InvisibleProtect ^{A.T.}

Alternative Procedure with intensification of the wood's color and reduced edge bonding for light traffic areas:

- Prime with HS 2K Intensive ^{A.T.}, regard technical information for details
- Allow to dry for 12 hours
- Apply 2K InvisibleProtect ^{A.T.}

Note: If the wood is very rough, one option is to apply an additional coat of 2K InvisibleProtect A.T after an intermediate sanding. Care products applied in a layer to the wood will change the unique surface into a matt coated surface. For this reason, we recommend these are not used and if necessary another coat of 2K InvisibleProtect A.T should be applied.

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

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

Floor Care: Clean floor with wet 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 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 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-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 final application will achieve an even surface. Carefully clean off the dust after intermediate sanding.



General guidelines

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.

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.

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