

Technical Information



LOBADUR[®] 2K Supra ADVANCED TECHNOLOGY (wood & cork floorings)

See respective technical information sheets for 2K Supra^{A.T.} on PVC, LVT and VCT floorings.



Ceramic-reinforced, waterborne, 2-component polyurethane finish with exceptional high scratch resistance, high elasticity and excellent chemical resistance.

Recommended Use:

For high traffic commercial areas.
Suitable for wood and cork floors.

Can be used to recoat factory finished UV cured wood and cork floors in conjunction with WS 2K Contact.

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

Technical Data

Article No.	11465	Coverage	500-600 square feet per gallon
Gloss level*	satin: 25 units semi-gloss: 44 units glossy: 90 units	Application Tool	LOBATOOL Roller 'Micro 120', T-bar, LOBATOOL Roller 'Deluxe', trim pad, lambswool, brush or roller
Package Size	1 gallon - each with hardener -	Drying Time	2-3 hours
Packaging	Case: 4 x 1 US gallon plastic container Pallet: 144 x 1 US gallon plastic container	Cure Time	50% after 24 hours Fully cured after 5 days
Solids	32 ± 1%	Pot life	2 hours after mixing
Viscosity DIN 4	23 ± 1 sec	Clean up	Water
US Regulatory VOC	< 150 grams per liter	Coefficient of friction	Meets the OSHA requirements for walking surfaces of 0.5 ** (ASTM D2047-04)
Storage	41°F to 77°F. KEEP FROM FREEZING.		
Shelf life	12 months in unopened original containers.		

*The gloss level is measured at 60° on glass. The final gloss level is dependent on the thickness of the coat of varnish applied and the climatic conditions (temp., rel. hum.) during the drying period. These values are intended only as guides.

** The additional use of the LOBADUR[®] R9 powder has been approved to enhance the coefficient slip rating based on the ASTM; D2047-04 test standard to a rating of 0.71, see instructions in Technical Information sheet of LOBADUR[®] R9 powder.



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Directions <ul style="list-style-type: none"> For professional Use only! BEFORE USING, READ AND UNDERSTAND ALL DIRECTIONS AND MATERIAL SAFETY DATA SHEETS. For technical advice call our LOBA-WAKOLI 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. Before using shake base well, then add hardener to base at a ratio of 10:1 and shake again. 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. 	
Suitable Primers: WS EasyPrime, HS 2K Intensive and HS 2K IntensiveColor. Please follow the Technical Instructions.	
Suitable Stains: LOBADUR [®] Stain. Please follow the Technical Instruction for LOBADUR [®] Stain.	
Recommended Procedure for <u>wood</u> floors: <ol style="list-style-type: none"> Apply one coat of WS EasyPrime according to directions. Allow to dry for 60-90 min. Apply 2K Supra^{A.T.}. Allow to dry for 2-3 hours. Intermediate sanding with 180 grit LOBA perforated pad to remove grain raise. Vacuum and tack with water dampened towel to remove all dust. Apply 2K Supra^{A.T.}. 	Recommended Procedure for <u>cork</u> floors: <ul style="list-style-type: none"> Seal cork only after the glue has sufficiently set (regard manufacturer's information) Roll on a maximum of 2 coats per day <ol style="list-style-type: none"> Untreated natural cork <ol style="list-style-type: none"> Roll three coats of 2K Supra^{A.T.} onto surface. After the first coat drying over night to reduce the risk of granule swelling. Intermediate sanding with 180 grit LOBA perforated pad before the last application. Prefinished cork <ol style="list-style-type: none"> Note information given by the cork supplier. Buff surface with 180 grit LOBA perforated pad and apply one coat of 2K Supra^{A.T.}. Let dry for 3-4 hours and apply a second coat of 2K Supra^{A.T.}. Renovation/recoating of old coverings <ol style="list-style-type: none"> Basic cleaning with Remover. Use single disc slow speed buffer and green or red abrasive pads. Care products must be completely cleaned off; even small amounts of residue may cause problems with the adhesion of the finish. Neutralize/Rinse with clean water.. Buff the surface with 180 grit LOBA perforated pad after drying. Apply one to two coats of 2K Supra^{A.T.}.
Intermediate Sanding: It is not necessary to do an intermediate sanding between LOBA coats, unless more than 24 hours has passed since the previous coat was applied. But for the smoothest results and to reduce grain raise we recommend doing an intermediate sanding before the final coat.	
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.	
Screen and Recoat: Clean floor, screen with 180 grit LOBA perforated pad. Remove all dust. Apply 2K Supra ^{A.T.} . 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.	
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.	
Clean-up: Use water to clean tools immediately after use. Do not dispose finish left overs with household garbage; unused product must not be poured into the sewage system, but must be brought to the chemical waste disposal according to local, state, and federal regulations after complete curing.	

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Maintenance:
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.
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 .
Special Information:
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