



LNL-500X Residential Grade Waterborne Wood Floor Finish Technical Data Sheet

PRODUCT DESCRIPTION

LNL-500X incorporates the latest waterborne technology with Microban® antimicrobial protection and a 5 Year Residential Wear Warranty, for advanced protection of wood floors. Our unique technology combines the benefits of professional waterborne floor finishes, with the benefits of Microban® antimicrobial protection. Microban® protection continuously inhibits the growth of bacteria, mold and mildew that can cause stains, odors, and damage the finish on your floor. And because Microban® protection is built into this coating, it will not wash off or wear away for the life of the finish. No Thinning Required.

RECOMMENDED USES: LNL-500X is recommended for interior residential application.

TYPICAL PROPERTIES

Color in Container	Milky white (dries clear)
Solids Content	30+/-1%
Chemical Resistance	Excellent
VOC	VOC does not exceed 275 grams/liter
Flash Point	198°F
Sheen	Gloss: >80 units @ 60° on wood Semi-Gloss: 50-60 units @ 60° on wood Satin: 25-30 units @ 60° on wood
Freeze/Thaw Stability	Stable (if frozen, thaw completely before using)
Pot Life	Unlimited in unopened container
Dry Time	2 to 3 hours with good conditions
Clean Up	Water
Application method	T-Bar applicator, Synthetic waterborne applicator and nylon brush.
Coverage	500-550 sq. feet per gallon.

Proper surface preparation is essential to achieve a high quality finish. Read the MSDS sheet and wear proper protection, which may include gloves, eye protection, and/or other protective devices.

Surface Preparation: New or Newly Sanded Floors or Wood Surfaces:

Prepare the floor according to NWFA or NOFMA accepted standard. Make a final cut with 80-100 grit sandpaper and screen with 120-150 grit screen. Apply LNL-100S or LNL-100SA followed by 2 or 3 coats of LNL-500X. Remove dust completely by sweeping, vacuuming and wiping the floor or work surface with a lint free cloth lightly dampened with water. The floor or work surface and room temperature should be at least 65°F.

Surface Preparation: Previously finished Floors or Wood Surfaces:

Remove old finish in poor condition. If the old finish is shellac or contains wax or any stearate, regardless of the condition, remove it completely then follow surface preparation for New Wood Surfaces. If old finish is still sound and good, screen the work surface with a #150 screen disc, #180 grit sand paper, maroon pad or similar. Remove dust completely by sweeping, vacuuming and wiping the work surface with a lint free cloth lightly dampened with water. The work surface and room temperature should be at least 65°F. Two to three coats work best on previously finished surfaces.

REMEMBER TO STIR THIS PRODUCT BEFORE AND DURING USE. LET IT STAND FOR 10 MINUTES AFTER STIRRING.

absolute coatings, inc.

Wood Finishes for Professionals™

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Application: Apply in well ventilated area by nylon brush, or synthetic waterborne applicator at room temperature and not in direct sunlight. Last•n•Last 500X looks milky when applied, but will dry to a clear, beautiful finish. Pou a 6-8" wide line of the finish along the starting wall. Apply the finish with the grain of the wood. Using a clean pre-dampened waterborne applicator, pull forward with the grain of the wood, moving the finish towards the opposite wall. Holding the applicator at a snowplow angle will maintain a wet edge at all times.(Maintain at least 3" wide wet edge to ensure proper coverage). At the end of each run, turn the applicator towards you and pad out the applicator parallel to the wet edge. Feather out turns. If pushed too hard or fast, drips will fly off the applicator. Missed areas can be touched up if seen right away.To prevent lapping and dry marks, be sure you are using the recommendd overage. Do no spread too thin. Screen the work surface in between coats with any of the following #150 screen disc, #180 grit sand paper, maroon pad or similar. Remember to vacuum and tack thoroughly after screening to remove all dust. Allow minimum of two hours between coats, or until thoroughly dry. Heavy finish application, high humidity or lack of airflow will extend drying times. If waiting longer than 24 hours between coats, sanding is recommended.

Application over stain: Last•n•Last 500X should adhere well to most stain, but a test for adhesion over brands other than Last•n•Last stain is recommended. Use Last•n•Last Classic Wood Stain following instruction on label. Allow the stain to dry a minimum of 24 hours under good conditions. Make sure the stain is completely dry before applying the finish or sealer.

Drying Time: When applied according to directions, and in thin coats, Last•n•Last 500X should be dry to the touch in 1 hour. Allow a minimum of 2 hours between coats. Heavy finish application, high humidity or lack of airflow will extend drying times.The floor can be walked on after 24 hrs. Last•n•Last 500X cures in approximately 2 weeks. Please allow the finish to be fully cured for area rugs or mats to be put down. The floor is susceptible to scuffing and marring before full cure.

Maintenance: Last•n•Last 500X never needs waxing. We recommend Polycare Floor Cleaner as the safe and effective cleaning product for all polyurethane coated surfaces. It has a unique soap-free, no rinse formula which will not harm polyurethane or varnished wood surfaces.

FIRST AID: If swallowed: Call physician immediately. **For Skin,** Wash thoroughly with soap and water.

Inhalation: If affected, immediately seek fresh air. If symptoms persist, get immediate attention. **For eye contact:** Flush eyes with water IMMEDIATELY! Then remove any contact lenses. Continue flushing with water for at least 15 minutes. If irritation persists, get medical attention.

HEALTH AND SAFETY PRECAUTIONS :VAPOR AND SPRAY MIST HARMFUL. MAY CAUSE DIZZINESS, HEADACHE, OR NAUSEA. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES SKIN IRRITATION.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Close container after each use. Use only with adequate ventilation. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use. Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

LEGAL DISCLAIMER

Manufacturer's Warranty: Absolute Coatings, Inc. and its distributors' only obligation shall be to replace such quantity of the product proved to be defective. As a professional product, the user accepts full responsibility for the applicability of this product for their specific use. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, the user shall determine the suitability of the product for the intended use and user assumes all risk and liability whatsoever in connection therewith.

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