



ALKYD SANDING SEALER READY TO APPLY 1C.403

Features

- Ready To Apply
- Sands Easily
- Fast Drying

General Description

Lenmar's® 1C.403, Professional Quick Dry Sanding Sealer is specifically formulated for use under Lenmar's® Series of Polyurethane Floor Finishes on hardwood floors and other interior surfaces subject to heavy wear and abrasion. This quick dry sanding sealer can be used on a variety of bare or stained interior wood surfaces including floors, bar tops, trim and cabinets. It is recommended for both residential and commercial applications including gymnasiums, lobbies, auditoriums, restaurants, and stores.

Recommended For

Flooring, Trim & Molding, Baseboards, Interior Wood. This product exhibits excellent penetration and adhesion into properly prepared interior wood substrates, is relatively fast drying and when fully cured, it is easy to sand

Limitations

- Entire system should not exceed 4 mils dry.

Product Information

Product Information	
Colors — Standard: Clear	Technical Data Clear
	Vehicle Type Alkyd
	Pigment Type N/A
	Weight Solids 21% ± 1.0%
	Volume Solids 15% ± 1.0%
	Coverage per Gallon at Recommended Film Thickness 425 Sq. Ft.
	Recommended Film 3.8 mils Thickness 1.7 mils
	Coverage calculation does not include spray loss or equipment inefficiency. Also allow for wood species, surface preparation, surface defects and porosity of substrate to affect spread rates.
	Dry Time @ 75°F 45 – 60 Minutes (23.8°C) @ 50% RH – To Recoat 1 – 2 Hours
	High humidity and cool temperatures will result in longer dry and recoat times.
	Dries By Oxidation
	Viscosity 12 – 18 Seconds (#2 Zahn)
	Flash Point 50°F (10°C)
	Gloss / Sheen N/A
	Surface Temperature 45°F at Application – Min. 90°F – Max.
	Thin With Do Not Thin
	Clean Up Thinner 1A.137 - Mineral Spirits
	Weight Per Gallon 6.5 – 6.7 lbs.
	Storage Temperature 50°F – Min. 90°F – Max.
	Volatile Organic Compounds (VOC)
	642 Grams/Liter 5.36 Lbs./Gallon
Colors — Tint Bases: N/A	
Colors — Special Colors: N/A	
Certification: The products supported by this data sheet contain a maximum of 650 grams per liter VOC /VOS (5.42 lbs/gal.) excluding water & exempt solvents. This product is not compliant under the Ozone Transport Commission Architectural and Industrial Maintenance regulations for field applications.	
Technical Assistance: For Technical Assistance please contact your authorized Lenmar® Dealer/Distributor, your Lenmar® sales representative, Technical Service at 1-800-225-5554, or visit www.lenmar-coatings.com .	

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Surface Preparation

New Floors: Install and sand all new floors to NWFA/MFMA guidelines. Final sand with new 120 grit screen. Remove all dust, sweep or vacuum, and tack with clean cloths, dampened with mineral spirits. Allow to dry. Surface should be free of all contaminants and moisture content should be no higher than 9%. If floor is to be stained, use Lenmar's® QuickStain stains, following all label directions. Mix Lenmar® 1C.403 sealer thoroughly and apply first coat of finish by natural bristle brush or lambswool applicator. Spread rate on raw wood should be 425 square feet per gallon. Do not thin.

Old Floors: Remove all existing finish entirely. Remove all dust, sweep or vacuum, and tack with clean cloths, dampened with mineral spirits. Allow to dry. Surface should be free of all contaminants and moisture content should be no higher than 9%. Proceed as in New Work. If wood is to be stained, use Lenmar's® QuickStain stains, following all label directions.

WARNING! If you scrape, sand or remove old paint, 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. Carefully clean up 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.

ENTIRE SYSTEM SHOULD NOT EXCEED MORE THAN 4 MILS DRY. LENMAR® PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION ONLY.

Application

IMPORTANT: The recommended finishing system consists of one coat of Lenmar's® Quick Dry Sanding Sealer followed by two coats of Lenmar's® Polyurethane Clear Finish. If desired, stain floor using Lenmar's® Alkyd Stain following all label directions. Apply one coat of Lenmar's® 1C.403 polyurethane sealer and let dry. Use a 150 grit screen to abrade the sealer. Sweep, vacuum, and tack as noted above to remove sanding dust before final coats. Apply at least two coats of Lenmar's® Polyurethane Wood Finish over this sealer for maximum durability and wear. Screen between each coat to promote inter-coat adhesion.

***NOTE ON SPREAD RATE:** Actual spread rate will vary based upon numerous factors including texture of the substrate, application method, waste, and surface porosity.

THINNING: Thinning is not recommended.

Cleanup

Clean equipment with 1A.137 Mineral Spirits.

DANGER – Rags, steel wool or waste soaked with the product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

USE COMPLETELY OR DISPOSE OF PROPERLY.

This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind or weld on or near the container.

Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for local disposal options.**

Environmental, Health & Safety Information

DANGER!

FLAMMABLE LIQUID AND VAPOR

VAPOR HARMFUL.

Contains: VM&P naphtha

HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT. VAPORS MAY AFFECT BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHES AND NAUSEA.

NOTICE: Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Keep away from heat, sparks and flame. Vapors are heavier than air and may travel along ground or may be moved by ventilation and ignited by pilot lights, or other flames, sparks, heaters, or static discharge. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

Use only with adequate ventilation. Use only where airflow will keep vapors from building up in or near the work area in adjoining rooms. Vapors may spread long distances. Use portable explosion-proof ventilating and lighting equipment. Connect to exterior power source. If exhaust fans are used, the motors must be explosion proof. Keep electrical power and gas supplies off until all vapors are gone.

Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes, skin and clothing. To avoid breathing vapors or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor levels are above the applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Aspiration Hazard. Small amounts aspirated into the respiratory system may cause mild to severe pulmonary injury. Close container after each use. Wash thoroughly after handling.

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

Do not place any type of covering on the finish that will prevent the solvents from properly evaporating.

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, immediately flush with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Get medical attention immediately.

IN CASE OF FIRE – Use foam, CO₂, dry chemical or water fog.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under "Clean Up".

KEEP OUT OF REACH OF CHILDREN

INTENDED FOR PROFESSIONAL USE ONLY

**READ ALL DIRECTIONS BEFORE USE.
UNDERSTAND ALL DANGERS WITH THIS
PRODUCT PRIOR TO USE.**

**Refer to Material Safety Data Sheet for
additional health and safety information.**