



POLYURETHANE WOOD FINISH

1Y-555 GLOSS, 1Y-617 SATIN
1Y-724 SEMI-GLOSS, 1Y-915 DULL RUBBED

Features

- Approved By M.F.M.A.
- High Solids Content
- Self-Leveling Formulation
- Resists Marring & Scuffing
- Resists Household Chemicals
- 4 Pre-Mixed Sheen Levels
- Self-Sealing

Recommended For

Gymnasiums, Commercial Floors, Interior Hardwood Floors, Trim, Moldings, & Doors, and Furniture & Kitchen Cabinets

General Description

Lenmar's® premium quality oil-modified polyurethane has been designed for the professional hardwood floor refinisher for use in both commercial and residential applications as well as gymnasiums. Its primary benefits include: superior flow out for a smooth self-leveling finish, an exceptional amount of solids for maximum build, and a tough durable film that helps resist household chemicals, marring, and scuffing when fully cured.

Limitations

- Not recommended for use over other materials such as shellac, lacquer, or stearedated coatings.
- For use over properly prepared interior wood surfaces

Product Information

Colors — Standard: Slight Amber		Technical Data		Clear
Sheen/Gloss	1Y-555 (Gloss)	85 – 95 @ 60°	Oil Modified Urethane	
	1Y-724 (Semi-Gloss)	60 – 70 @ 60°	N/A	
	1Y-617 (Satin)	40 – 50 @ 60°	Weight Solids 41% – 49%	
	1Y-915 (Dull Rubbed)	10 – 20 @ 60°	Volume Solids 33% – 42%	
— Tint Bases:		Coverage per Gallon at Recommended Film Thickness		450 – 500 Sq. Ft.
N/A		Recommended Film Thickness		– Wet 2.7 mils – Dry 1.3 mils
— Special Colors:		Depending on surface texture and porosity. Be sure to estimate the right amount of finish for the job. This will minimize the disposal of excess finish.		
N/A		Dry Time @ 75 °F (23.8 °C) @ 50% RH		– Tack Free 2 Hours – To Screen Overnight – To Recoat Within 12 – 24 Hours
Certifications & Qualifications:		High humidity and cool temperatures will result in longer dry, recoat and service times.		
VOC compliant in federally regulated areas only		Dries By		Oxidation
The products supported by this data sheet contain a maximum of 525 grams per liter VOC /VOS (4.38 lbs/gal.) excluding water & exempt solvents.		Viscosity		32 sec on average (#2 Zahn)
		Flash Point		105 °F (40.6 °C)
		Gloss/Sheen		Gloss/Satin/Semi-Gloss/Dull Rubbed
		Surface Temperature at Application		– Min. 65 °F – Max. 95 °F
Technical Assistance:		Thin With		Do Not Thin
Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-877-299-3600 or visit www.lenmar-coatings.com		Clean Up Thinner		1A.137 Mineral Spirits
		Weight Per Gallon		7.17 – 7.30 lbs.
		Storage Temperature		– Min. 50 °F – Max. 90 °F
Volatile Organic Compounds (VOC)				
		1Y-555 (Gloss)	446 g/l	3.72 lb./gal
		1Y-724 (Semi-Gloss)	515 g/l	4.3 lb./gal
		1Y-617 (Satin)	506 g/l	4.22 lb./gal
		1Y-915 (Dull Rubbed)	514 g/l	4.29 lb./gal

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◇ Reported values are for Clear/Gloss. Contact your dealer/distributor for values of other bases or colors

Polyurethane Wood Finish 1Y-555 Gloss/1Y-617 Satin/1Y-724 Semi-Gloss/1Y-915 Dull Rubbed

Surface Preparation

Install and sand all new and existing floors to recommended NWFA guidelines. All surfaces must be free of contaminants such as dirt, grease, wax, and excessive moisture content. Final sanding grit of raw wood should be no higher than 120-grit. Remove all sanding dust. Tack with a clean dry cloth.

Existing Floors: Urethane finish must be in sound condition and free of all surface contaminants.

Aggressively screen the floor with new 100-grit screens. Hand sand along baseboards and in corners.

Sweep, vacuum and tack as noted above.

Finishing System: If desired, use a high quality stain designed with proper dry times for floor applications. Apply 1 coat of 1Y-519 Sealer according to label directions. Follow sealer coat with at least 2 additional topcoats of desired sheen level according to directions below.

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.

Application

Gently and thoroughly, mix off-gloss polyurethanes by hand to disperse flattening agents prior to and during application. Spread rate is 450-500 square feet per gallon. Apply with lambswool applicator or natural bristle brush. Apply in one direction only, with the grain of the wood. Maintain a wet edge. Under ideal drying conditions, finish will dry in 8-10 hours. Adverse drying conditions of temperature, humidity, and poor ventilation may extend dry times. After an overnight dry, screen with a slightly worn 150-grit screen to promote proper adhesion between coats and coat immediately. If polyurethane has dried for over 24 hours, use new screens to promote proper adhesion, sweep, vacuum and tack as noted above. Not recommended for use over other materials, such as shellac, lacquer or stearated coatings.

Do not thin. Use only with adequate ventilation.

Obtain and read the SDS and Technical Data Sheet prior to using this product.

FOR PROFESSIONAL USE ONLY

Clean up

Clean up 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.

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!

COMBUSTIBLE LIQUID AND VAPOR

VAPOR HARMFUL

Contains: Petroleum Distillates, Methyl ethyl ketoxime

HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT. MAY CAUSE ALLERGIC SKIN REACTION.

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 and flame. **Use only with adequate ventilation.** 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 Cancer and Reproductive Harm—
www.P65warnings.ca.gov

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

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

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

**FOR PROFESSIONAL USE ONLY
KEEP OUT OF REACH OF CHILDREN**

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

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