



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 stearated coatings.
- For use over properly prepared interior wood surfaces

Product Information

<p>Colors — Standard: Slight Amber</p> <hr/> <p>— Tint Bases: N/A</p> <hr/> <p>— Special Colors: N/A</p> <hr/> <p>Certification: 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. These products are compliant under the Ozone Transport Commission regulations as a Varnish in quarts only.</p> <hr/> <p>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.</p>	<table border="1"> <thead> <tr> <th colspan="2">Technical Data</th> <th>Clear</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td colspan="2">Oil Modified Urethane</td> </tr> <tr> <td>Pigment Type</td> <td colspan="2">N/A</td> </tr> <tr> <td>Weight Solids</td> <td colspan="2">41% – 49%</td> </tr> <tr> <td>Volume Solids</td> <td colspan="2">33% – 42%</td> </tr> <tr> <td>Coverage per Gallon at Recommended Film Thickness</td> <td colspan="2">450 – 500 Sq. Ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>2.7 mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>1.3 mils</td> </tr> <tr> <td colspan="3">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.</td> </tr> <tr> <td>Dry Time @ 75°F (23.8°C) @ 50% RH</td> <td>– Tack Free</td> <td>2 Hours</td> </tr> <tr> <td></td> <td>– To Screen</td> <td>Overnight</td> </tr> <tr> <td></td> <td>– To Recoat</td> <td>Within 12 – 24 Hours</td> </tr> <tr> <td colspan="3">High humidity and cool temperatures will result in longer dry, recoat and service times.</td> </tr> <tr> <td>Dries By</td> <td colspan="2">Oxidation</td> </tr> <tr> <td>Viscosity</td> <td colspan="2">32 sec on average (#2 Zahn)</td> </tr> <tr> <td>Flash Point</td> <td colspan="2">105° F (40.6° C)</td> </tr> <tr> <td>Gloss/Sheen</td> <td colspan="2">Gloss/Satin/Semi-Gloss/Dull Rubbed</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>45°F</td> </tr> <tr> <td></td> <td>– Max.</td> <td>90°F</td> </tr> <tr> <td>Thin With</td> <td colspan="2">Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td colspan="2">1A.137 Mineral Spirits</td> </tr> <tr> <td>Weight Per Gallon</td> <td colspan="2">7.17 – 7.30 lbs.</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>50° F</td> </tr> <tr> <td></td> <td>– Max.</td> <td>90° F</td> </tr> <tr> <td colspan="3" style="text-align: center;">Volatiles Organic Compounds (VOC)</td> </tr> <tr> <td>1Y.555 (Gloss)</td> <td>446 g/l</td> <td>3.72 lb./gal</td> </tr> <tr> <td>1Y.724 (Semi-Gloss)</td> <td>515 g/l</td> <td>4.3 lb./gal</td> </tr> <tr> <td>1Y.617 (Satin)</td> <td>506 g/l</td> <td>4.22 lb./gal</td> </tr> <tr> <td>1Y.915 (Dull Rubbed)</td> <td>514 g/l</td> <td>4.29 lb./gal</td> </tr> </tbody> </table>	Technical Data		Clear	Vehicle Type	Oil Modified Urethane		Pigment Type	N/A		Weight Solids	41% – 49%		Volume Solids	33% – 42%		Coverage per Gallon at Recommended Film Thickness	450 – 500 Sq. Ft.		Recommended Film Thickness	– Wet	2.7 mils		– Dry	1.3 mils	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.			Dry Time @ 75°F (23.8°C) @ 50% RH	– Tack Free	2 Hours		– To Screen	Overnight		– To Recoat	Within 12 – 24 Hours	High humidity and cool temperatures will result in longer dry, recoat and service times.			Dries By	Oxidation		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.	45°F		– Max.	90°F	Thin With	Do Not Thin		Clean Up Thinner	1A.137 Mineral Spirits		Weight Per Gallon	7.17 – 7.30 lbs.		Storage Temperature	– Min.	50° F		– Max.	90° F	Volatiles 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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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.

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

Thoroughly mix off-gloss polyurethane by hand to disperse flattening agents prior to and during application. Apply with natural bristle brush and/or lambswool applicator. Spread rate is 450-500 square feet per gallon. Apply polyurethane in one direction only with the grain. Adverse weather conditions of temperature and humidity can extend normal dry times. Avoid direct sunlight from coming in contact with the floor before and during the application process. To promote inner coat adhesion, it is important to properly screen between each coat. After an overnight dry, screen the finish with a slightly worn 150-grit screen and recoat immediately after a thorough cleaning. If previous coat has dried for longer than 24 hours, use new screens to promote adhesion. Do not place any type of covering on the finish that will prevent the solvents from properly evaporating. Allow finish to cure for one week for normal foot traffic and 30 days before placing area rugs. Do not thin. Not recommended for use over other materials such as shellac, lacquer, or stearated coatings. Read label and MSDS for additional information and warnings.

Cleanup

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: Stoddard Solvent, Petroleum Distillates

HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT. HARMFUL IF ABSORBED THROUGH SKIN. 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. Wear eye protection, gloves and protective clothing during application and cleanup. 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. Do not permit anyone without protection in the painting area. 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.

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, remove contaminated clothing and wash with soap and water for at least 15 minutes. If symptoms persist, seek medical attention. If swallowed, DO NOT INDUCE VOMITING, get medical help 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

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.**