



# DURALAQ<sup>®</sup>

275 VOC WATER WHITE NITROCELLULOSE LACQUER SEMI-GLOSS 1LL.231X

## Features

- High Build
- Fast Drying
- Contains No Aromatic Solvents
- Ready To Spray

## Recommended For

This product series is suited for interior wood surface where a beautiful, easy to apply finish is required.

## General Description

1LL.231X series is an elite quality clear lacquer system using advanced formulating technology that produces a superior finish for a conventional nitrocellulose lacquer. These finishes are low in HAPs solvents and contains no aromatic or ketone solvents. 1LL.231X Water White Lacquer is a high build, fast drying product that produces an exceptional finish.

## Limitations

- Entire system should not exceed 4 mils dry.
- Apply, by spray only, with temperatures above 68°F.

## Product Information

Gloss — Standard:	Technical Data	Clear/Gloss
1LL-2314, Satin – 35-40 @ 60° 1LL-2316, Semi-Gloss – 60-65 @ 60°	Vehicle Type	Nitrocellulose
	Pigment Type	N/A
	Weight Solids	25% ± 2.0%
	Volume Solids	18% ± 2.0%
	Coverage per Gallon	400 Sq. Ft.
	Recommended Film Thickness	– Wet 3 – 5 mils – Dry 0.5 – 0.9 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 (23.8 °C) @ 50% RH	– Dust Free 15 – 25 Minutes – Light Sand 15 – 30 Minutes – To Recoat 30 Minutes
	High humidity and cool temperatures will result in longer dry and recoat times.	
	Dries By	Evaporation
	Viscosity	18-22 Sec #2 ZAHN
	Flash Point	10 °F (-12 °C)
	Gloss / Sheen	See Gloss Standard section
	Surface Temperature at Application	– Min. 68 °F – Max. 90 °F
	Thin With	Acetone
	Clean Up Thinner	Acetone
	Weight Per Gallon	7.6 lbs. +/- per lab specifications
	Storage Temperature	– Min. 50 °F – Max. 90 °F
	<b>Volatile Organic Compounds (VOC)</b>	
	275 Grams/Liter	2.3 Lbs./Gallon
<b>Certifications &amp; Qualifications:</b> <b>VOC compliant in all regulated areas</b>  The products supported by this data sheet contain a maximum of 275 grams per liter VOC /VOS (2.3 lbs. /gal.) excluding water & exempt solvents.		
<b>Technical Assistance:</b> Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-866-708-9180 or visit <a href="http://www.lenmar-coatings.com">www.lenmar-coatings.com</a>		

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

## DuraLaq® 275 VOC Water White Nitrocellulose Lacquer – Semi-Gloss 1LL.231x

### Surface Preparation

**New Wood:** Remove all dirt and wood dust. Sand and remove all sanding dust. Before finishing, be certain the wood is dry. Stain and seal wood in accordance with application directions specified by each product.

**Old Wood:** Many old wood finishes have contaminants that may affect top coating with lacquer. Be certain to remove old finish completely and be certain the surface is free of all contamination.

**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. 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 Informational Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

### Application

**ENTIRE SYSTEM SHOULD NOT EXCEED MORE THAN 4 MILS DRY.**

For best results apply a wet coat of 3-4 mils. This product is ready to spray and reduction is not necessary. Thinner may be used if required by specific application equipment and in compliance of VOC regulations. Retarder may be used (3-4 oz. per gallon) to extend the open time during periods of high humidity and / or high temperatures.

**Airless Equipment:** Atomization pressure 1000-1500 psi, 0.005 Fine-finish Tip, 0.011 Regular Tip. Temperature 77 °F.

**Conventional Equipment:** Fluid Pressure 10-15 psi, Atomization pressure 30-40 psi. Temperature 77 °F.

AIR DRY OR MAY BE FORCE DRIED AT UP TO 140 °F.

**ENTIRE SYSTEM SHOULD NOT EXCEED 4 MILS DRY.**

### Finishing System

**Sanding Sealer:** 275 VOC DuraLaq Clear Sealer.

**Topcoat:** Maximum two coats 1LL.231X series.

### Clean Up

Clean with acetone.

### Environmental Health & Safety Information

**DANGER!**

**Causes skin irritation**

**Causes serious eye irritation**

**Suspected of causing cancer**

**May damage fertility or the unborn child**

**May cause drowsiness or dizziness**

**Highly flammable liquid and vapor**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep cool.

**Response:** IF exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of fire: Use CO2, dry chemical, or foam for extinction.

**Storage:** Store locked up. Store in a well-ventilated place. Keep container tightly closed.

**Disposal:** Dispose of contents/container to an approved waste disposal plant.

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



**WARNING** Cancer and Reproductive Harm—  
[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

**KEEP OUT OF REACH OF CHILDREN  
FOR WOOD SUBSTRATES ONLY**

**This product is intended for Shop or OEM applications. This product may also be compliant under Architectural and Industrial Maintenance regulations in some jurisdictions for field application to stationary structures. Check local regulations.**

**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.**