



# DURALAQ<sup>®</sup>

## WATER WHITE N/C LACQUER

### 1LL-21X

#### Features

- 25% Solids Content
- Resists Cold Checking
- Ready To Spray Viscosity
- Water White Clarity

#### General Description

Lenmar<sup>®</sup> DuraLac<sup>®</sup> 1LL-21X Series, high performance, 25% solids, water white nitrocellulose lacquers are ideal for most interior wood surfaces that require the highest quality lacquer system. Its primary benefits include exceptional amount of solids for build and fast drying. The ready-to-spray viscosity saves time and insures job-to-job consistency and performance. Only the highest quality raw materials are uniquely blended into this lacquer which gives this water white topcoat its initial clarity. Once dry, this finish will resist cold checking for lasting durability. This lacquer is pre-mixed in five separate sheen levels. For a true non-yellowing finish over these types of projects, try Lenmar's<sup>®</sup> Ultra UniLac<sup>®</sup> 1M-97X CAB Acrylic Series.

#### Recommended For

Fine Furniture, Window & Door Trim, Baseboards & Moldings, Interior Doors & Hand Rails, Other Interior Wood Finishing

#### Limitations

- Do not use over pickle stains, pastel or off-white finishes.
- Entire system not to exceed 4 mils dry.

#### Product Information

##### Colors — Standard:

Clear :  
 1LL-210 Gloss - Minimum 88 @ 60°  
 1LL-211 Flat - 5-10 @ 60°  
 1LL-212 Dull Rubbed - 18-22 @ 60°  
 1LL-214 Satin - 37-43 @ 60°  
 1LL-216 Semi-Gloss - 57-63 @ 60°

##### — Tint Bases:

N/A

##### — Special Colors:

N/A

##### Certification & Qualifications:

The products supported by this data sheet contain a maximum of 680 grams per liter VOC (5.7 lbs. /gal.) excluding water & exempt solvents.

\*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.

VOC REGION	COMPLIANT
FEDERAL	YES
OTC	YES
OTCII	NO
CARB	NO
CARB07	NO
UTAH	NO
AZMC	YES
SCAQMD	NO

##### Technical Assistance:

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](http://www.lenmar-coatings.com)

##### Technical Data

##### Clear/Gloss

Vehicle Type	Nitrocellulose
Pigment Type	N/A
Weight Solids	25% ± 1.0%
Volume Solids	18% ± 1.0%
Theoretical Coverage per Gallon at 1 mil DFT	290 – 300 sq. ft.
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	– To Sand 25 – 30 Minutes
(23.8 °C) @ 50% RH	– To Recoat 45 – 60 Minutes
High humidity and cool temperatures will result in longer dry and recoat times.	
Dries By	Evaporation
Viscosity	20 – 30 Seconds (Zahn #2)
Flash Point	23 °F (-5 °C)
Gloss / Sheen	Gloss/Semi-Gloss/Satin /Dull Rubbed/Flat
Surface Temperature at Application	– Min. 45 °F
	– Max. 90 °F
Thin With	Do Not Thin
Clean Up Thinner	1A-406 or 1A-519 Lacquer Thinner
Weight Per Gallon	7.5 – 7.7 lbs.
Storage Temperature	– Min. 50 °F
	– Max. 90 °F

##### Volatile Organic Compounds (VOC)

653 Grams/Liter 5.4 Lbs./Gallon

## DuraLac® Water White N/C Lacquer 1LL-21X

**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. LENMAR® PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION ONLY.**

Over properly prepared wood surfaces apply one full coat of 1C-423, or other approved water white sealer, allow it to dry, then sand. Select the desired sheen from the DuraLac® 1LL-21X Series topcoats, **shake well** and apply two even wet coats of 3–5 mils. Allow them to dry, scuff sanding between each coat. Do not exceed more than two topcoats.

For additional resistance to moisture and chemicals, try the following Lenmar® Finishing Systems: Ultra UniLac® Acrylic 1M.97X series.

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

### Specifications

Moisture content of wood should be no higher than 9%. Wood must be free of surface contaminants. Sand wood with no finer than 150-grit sandpaper and remove all dust. Mix all products thoroughly and apply by spray only. Check with equipment manufacturer for proper settings to achieve good atomization. Scuff sand sealer with 320-grit sandpaper prior to finish coating. Small amounts of 1A-114 Lacquer Retarder may be necessary during adverse weather conditions to achieve optimal atomization. Do not thin inconsistent with local regulations. Apply one coat of sealer, 3–4 wet mils, allow to dry, then sand with 280-320 grit silicon carbide sandpaper. Apply 2 coats of the DuraLac® 1LL-21X series products, in the desired sheen. Allow to dry completely, and scuff sand between each coat. Read label and SDS for additional information and warnings

### Clean Up

Clean up with 1A-406 or 1A-519 Lacquer Thinner.

### Environmental Health & Safety Information

**DANGER!**

Causes skin irritation

Causes serious eye irritation

Suspected of damaging fertility or the unborn child

May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

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. Do not breathe 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. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. 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.



**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  
INTENDED FOR PROFESSIONAL USE ONLY**

**FOR WOOD SUBSTRATES ONLY  
FOR INTERIOR USE 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.**