



# DURALAQ<sup>®</sup>

## HB PRODUCTION LACQUER

### 1LL-68X

#### Features

- 28% Solids Content
- Resists Cold Checking
- Cost Savings
- Amber Hue
- Fast Drying

#### General Description

Lenmar<sup>®</sup> DuraLaq<sup>®</sup> 1LL-68X Series, high build, 28% solids, production lacquers are ideal for most interior wood surfaces. Its primary benefits include exceptional amount of solids for build and fast drying. Only the highest quality raw materials are uniquely blended into this lacquer which gives this production topcoat its high build and easy application. This finish will give quick packing and shipping times, and allow for quick construction and processing. This lacquer is pre-mixed in four separate sheen levels. For a true non-yellowing finish, try Lenmar<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

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

#### Product Information

<p><b>Colors — Standard:</b></p> <p>1LL-689 Gloss 1LL-686 Semi-Gloss 1LL-684 Satin 1LL-682 Dull Rubbed</p> <p><b>— Tint Bases:</b></p> <p>N/A</p> <p><b>— Special Colors:</b></p> <p>N/A</p> <p><b>Certification &amp; Qualifications:</b></p> <p>The products supported by this data sheet contain a maximum of 680 grams per liter VOC (5.7 lbs/gal.) excluding water &amp; exempt solvents.</p> <p>*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.</p> <table border="1"> <thead> <tr> <th>VOC REGION</th> <th>COMPLIANT</th> </tr> </thead> <tbody> <tr> <td>FEDERAL</td> <td>YES</td> </tr> <tr> <td>OTC</td> <td>YES</td> </tr> <tr> <td>OTCII</td> <td>NO</td> </tr> <tr> <td>CARB</td> <td>NO</td> </tr> <tr> <td>CARB07</td> <td>NO</td> </tr> <tr> <td>UTAH</td> <td>NO</td> </tr> <tr> <td>AZMC</td> <td>YES</td> </tr> <tr> <td>SCAQMD</td> <td>NO</td> </tr> </tbody> </table> <p><b>Technical Assistance:</b></p> <p>Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-877-299-3600 or visit <a href="http://www.lenmar-coatings.com">www.lenmar-coatings.com</a></p>	VOC REGION	COMPLIANT	FEDERAL	YES	OTC	YES	OTCII	NO	CARB	NO	CARB07	NO	UTAH	NO	AZMC	YES	SCAQMD	NO	<table border="1"> <thead> <tr> <th colspan="2">Technical Data</th> <th>Clear/Gloss</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td></td> <td>Nitrocellulose</td> </tr> <tr> <td>Pigment Type</td> <td></td> <td>N/A</td> </tr> <tr> <td>Weight Solids</td> <td></td> <td>29% ± 1.0%</td> </tr> <tr> <td>Volume Solids</td> <td></td> <td>23% ± 1.0%</td> </tr> <tr> <td>Coverage per Gallon at 1 mil DFT</td> <td></td> <td>369 – 375 sq. ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet – Dry</td> <td>3 – 5 mils 0.7 – 1.2 mils</td> </tr> <tr> <td colspan="3">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.</td> </tr> <tr> <td>Dry Time @ 75°F (23.8°C) @ 50% RH</td> <td>– To Sand – To Recoat</td> <td>25 – 30 Minutes 30 Minutes</td> </tr> <tr> <td colspan="3">High humidity and cool temperatures will result in longer dry and recoat times.</td> </tr> <tr> <td>Dries By</td> <td></td> <td>Evaporation</td> </tr> <tr> <td>Viscosity</td> <td></td> <td>55 – 60 Seconds (Zahn #2)</td> </tr> <tr> <td>Flash Point</td> <td></td> <td>30 °F (-1.1 °C)</td> </tr> <tr> <td>Gloss / Sheen</td> <td></td> <td>Gloss/Semi-Gloss/Satin/Dull Rubbed</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min. – Max.</td> <td>68 °F 90 °F</td> </tr> <tr> <td>Thin With</td> <td></td> <td>Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td></td> <td>1A-406 or 1A-519 Lacquer Thinner</td> </tr> <tr> <td>Weight Per Gallon</td> <td></td> <td>7.7 – 7.9 lbs</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min. – Max.</td> <td>50 °F 90 °F</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Volatile Organic Compounds (VOC)</b></td> </tr> <tr> <td colspan="3" style="text-align: center;">659 Grams/Liter    5.5 Lbs./Gallon</td> </tr> </tbody> </table>	Technical Data		Clear/Gloss	Vehicle Type		Nitrocellulose	Pigment Type		N/A	Weight Solids		29% ± 1.0%	Volume Solids		23% ± 1.0%	Coverage per Gallon at 1 mil DFT		369 – 375 sq. ft.	Recommended Film Thickness	– Wet – Dry	3 – 5 mils 0.7 – 1.2 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	– To Sand – To Recoat	25 – 30 Minutes 30 Minutes	High humidity and cool temperatures will result in longer dry and recoat times.			Dries By		Evaporation	Viscosity		55 – 60 Seconds (Zahn #2)	Flash Point		30 °F (-1.1 °C)	Gloss / Sheen		Gloss/Semi-Gloss/Satin/Dull Rubbed	Surface Temperature at Application	– Min. – Max.	68 °F 90 °F	Thin With		Do Not Thin	Clean Up Thinner		1A-406 or 1A-519 Lacquer Thinner	Weight Per Gallon		7.7 – 7.9 lbs	Storage Temperature	– Min. – Max.	50 °F 90 °F	<b>Volatile Organic Compounds (VOC)</b>			659 Grams/Liter    5.5 Lbs./Gallon		
VOC REGION	COMPLIANT																																																																																	
FEDERAL	YES																																																																																	
OTC	YES																																																																																	
OTCII	NO																																																																																	
CARB	NO																																																																																	
CARB07	NO																																																																																	
UTAH	NO																																																																																	
AZMC	YES																																																																																	
SCAQMD	NO																																																																																	
Technical Data		Clear/Gloss																																																																																
Vehicle Type		Nitrocellulose																																																																																
Pigment Type		N/A																																																																																
Weight Solids		29% ± 1.0%																																																																																
Volume Solids		23% ± 1.0%																																																																																
Coverage per Gallon at 1 mil DFT		369 – 375 sq. ft.																																																																																
Recommended Film Thickness	– Wet – Dry	3 – 5 mils 0.7 – 1.2 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	– To Sand – To Recoat	25 – 30 Minutes 30 Minutes																																																																																
High humidity and cool temperatures will result in longer dry and recoat times.																																																																																		
Dries By		Evaporation																																																																																
Viscosity		55 – 60 Seconds (Zahn #2)																																																																																
Flash Point		30 °F (-1.1 °C)																																																																																
Gloss / Sheen		Gloss/Semi-Gloss/Satin/Dull Rubbed																																																																																
Surface Temperature at Application	– Min. – Max.	68 °F 90 °F																																																																																
Thin With		Do Not Thin																																																																																
Clean Up Thinner		1A-406 or 1A-519 Lacquer Thinner																																																																																
Weight Per Gallon		7.7 – 7.9 lbs																																																																																
Storage Temperature	– Min. – Max.	50 °F 90 °F																																																																																
<b>Volatile Organic Compounds (VOC)</b>																																																																																		
659 Grams/Liter    5.5 Lbs./Gallon																																																																																		

## DuraLaq® HB Production Lacquer 1LL-68X

**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-383, or other approved nitrocellulose sealer, allow it to dry, then sand. Select the desired sheen from the DuraLaq® 1LL-68X Series topcoats, **shake well** and apply two even wet coats of 3–5 mils. Allow them to dry, scuff sanding between each coat.

For additional resistance to moisture and chemicals, try the following Lenmar® Finishing Systems: Ultra UniLaq® 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. 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 1C-383 sealer, 3–4 wet mils, allow to dry, then sand with 280-320 grit silicon carbide sandpaper. Apply 2 coats of the DuraLaq® 1LL-68X 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**

**May damage fertility or the unborn child**

**Causes damage to organs**

**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. Do not eat, drink or smoke when using this product. 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.

**Response:** IF exposed: Call a POISON CENTER or doctor/physician. 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 SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Do NOT induce vomiting. In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

**Storage:** Store locked up. Store in a well-ventilated place. Keep cool.

**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.**