



# DURALAQ<sup>®</sup>

## HIGH VISCOSITY N/C

### PRO SEALER 1C.399

#### Features

- 26% Solid Content
- Sands Easily
- Designed For Easy Spraying
- Fast Drying
- Cost Savings

#### General Description

Lenmar<sup>®</sup> DuraLaq<sup>®</sup> 1C.399 is a high viscosity nitrocellulose sanding sealer concentrate designed for interior wood applications only. The primary benefits of this sealer include its high solid content for initial build, excellent adhesion on properly prepared wood surfaces and ease of sanding. Once dry, 280-320 grit silicon carbide sandpaper should be used over this sealer and it will powder to a smooth surface quickly and easily. DuraLaq<sup>®</sup> 1C.399 is compatible with any nitrocellulose lacquer topcoat. It is not recommended for use over pickle white stains. For a true non-yellowing finish over natural, white or pickle finishes, try Lenmar<sup>®</sup> Ultra-UniLaq<sup>®</sup> 1M.97X CAB Acrylic Series.

#### Recommended For

Window & Door Trim, Displays, Baseboards, Crown Moldings, Doors & Hand Rails.

#### Limitations

- Entire system should not exceed 4 mils dry.

#### Product Information

<p><b>Colors — Standard:</b> Clear</p> <p><b>— Tint Bases:</b> N/A</p> <p><b>— Special Colors:</b> N/A</p> <p><b>Certification &amp; Qualifications :</b> The products supported by this data sheet contain a maximum of 680 grams per liter VOC /VOS (5.7 lbs/gal.) excluding water &amp; exempt solvents.</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>NO</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> 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></p>	VOC REGION	COMPLIANT	FEDERAL	YES	OTC	NO	OTCII	NO	CARB	NO	CARB07	NO	UTAH	NO	AZMC	YES	SCAQMD	NO	<p><b>Technical Data</b> <span style="float: right;"><b>Clear</b></span></p> <table border="1"> <tr> <td>Vehicle Type</td> <td colspan="2">Nitrocellulose</td> </tr> <tr> <td>Pigment Type</td> <td colspan="2">N/A</td> </tr> <tr> <td>Weight Solids</td> <td colspan="2">26% ± 1.0%</td> </tr> <tr> <td>Volume Solids</td> <td colspan="2">18% ± 1.0%</td> </tr> <tr> <td>Coverage per Gallon at 1 mil DFT</td> <td colspan="2">289 – 300 sq. ft.</td> </tr> <tr> <td rowspan="2">Recommended Film Thickness</td> <td>– Wet</td> <td>3 – 5 mils</td> </tr> <tr> <td>– Dry</td> <td>0.5 – 0.9 mils</td> </tr> </table> <p>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.</p> <table border="1"> <tr> <td rowspan="2">Dry Time @ 75 °F (23.8 °C) @ 50% RH</td> <td>– To Sand</td> <td>25 – 30 Minutes</td> </tr> <tr> <td>– To Recoat</td> <td>30 Minutes</td> </tr> </table> <p>High humidity and cool temperatures will result in longer dry and recoat times.</p> <table border="1"> <tr> <td>Dries By</td> <td colspan="2">Evaporation</td> </tr> <tr> <td>Viscosity</td> <td colspan="2">25 – 35 Seconds (#2 Zahn EZ)</td> </tr> <tr> <td>Flash Point</td> <td colspan="2">20 ° F (-6.7 ° C)</td> </tr> <tr> <td>Gloss / Sheen</td> <td colspan="2">N/A</td> </tr> <tr> <td rowspan="2">Surface Temperature at Application</td> <td>– Min.</td> <td>68 °F</td> </tr> <tr> <td>– Max.</td> <td>90 °F</td> </tr> </table> <table border="1"> <tr> <td>Thin With</td> <td colspan="2">Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td colspan="2">Acetone 1A.406 or 1A.519 Lacquer Thinner</td> </tr> <tr> <td>Weight Per Gallon</td> <td colspan="2">7.5 – 7.7 lbs.</td> </tr> <tr> <td rowspan="2">Storage Temperature</td> <td>– Min.</td> <td>50 °F</td> </tr> <tr> <td>– Max.</td> <td>90 °F</td> </tr> </table> <p style="text-align: center;"><b>Volatile Organic Compounds (VOC)</b></p> <table border="1"> <tr> <td>652 Grams/Liter</td> <td>5.44 Lbs./Gallon</td> </tr> </table>	Vehicle Type	Nitrocellulose		Pigment Type	N/A		Weight Solids	26% ± 1.0%		Volume Solids	18% ± 1.0%		Coverage per Gallon at 1 mil DFT	289 – 300 sq. ft.		Recommended Film Thickness	– Wet	3 – 5 mils	– Dry	0.5 – 0.9 mils	Dry Time @ 75 °F (23.8 °C) @ 50% RH	– To Sand	25 – 30 Minutes	– To Recoat	30 Minutes	Dries By	Evaporation		Viscosity	25 – 35 Seconds (#2 Zahn EZ)		Flash Point	20 ° F (-6.7 ° C)		Gloss / Sheen	N/A		Surface Temperature at Application	– Min.	68 °F	– Max.	90 °F	Thin With	Do Not Thin		Clean Up Thinner	Acetone 1A.406 or 1A.519 Lacquer Thinner		Weight Per Gallon	7.5 – 7.7 lbs.		Storage Temperature	– Min.	50 °F	– Max.	90 °F	652 Grams/Liter	5.44 Lbs./Gallon
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## Duralaq® High Viscosity N/C Pro Sealer 1C.399

**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 interior wood surfaces, apply one coat of 1C.399, let it dry then sand, topcoat with desired sheen level with any of the DuraLaq® Series Lacquers.

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

### Specifications

Moisture content of wood should be no higher than 11%. Wood must be free of surface contaminants. Sand raw wood with no finer than 150-grit sandpaper and remove all dust. Depending on the type of spray equipment used, reduce DuraLaq® 1C.399 with 1A.406 or 1A.519 Lacquer Thinner to a sprayable viscosity. Do not reduce if doing so would violate any VOC regulations.

Check with equipment manufacturer for settings to achieve proper atomization. Once dry scuff sand with 280-320 grit silicon carbide sandpaper prior to topcoating. Read label and SDS for additional information and warnings.

### Clean Up

Clean with Acetone or 1A.406 or 1A.519 Lacquer Thinner.

### Environmental Health & Safety Information

**DANGER!**

**Causes skin irritation**

**Causes serious eye irritation**

**Suspected of causing cancer**

**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 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 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)

**KEEP OUT OF REACH OF CHILDREN  
INTENDED FOR PROFESSIONAL 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.**