



# DURALAQ<sup>®</sup>

## HIGH HIDING PREMIUM WHITE UNDERCOATER 1C.402

### Features

- 31% Solid Content
- Read To Spray Viscosity
- Fast Drying
- Sands Easily

### General Description

Lenmar<sup>®</sup> DuraLaq<sup>®</sup> 1C.402 is a premium quality, ready-to-spray white nitrocellulose undercoater designed specifically for high quality, interior wood applications. 1C.402 is designed to serve as an ideal foundation for any of the Duralaq<sup>®</sup> Nitrocellulose pigmented topcoats, UltraLaq<sup>®</sup> Precatalyzed pigmented topcoats or MegaVar<sup>®</sup> Catalyzed pigmented topcoats. Additional benefits include excellent penetration and adhesion into properly prepared interior wood substrates or MDF, fast drying and easy sanding. This undercoater resists cold checking.

### Recommended For

Production Applications, Displays, Window & Door Trim, Baseboards, Shutters, Cabinets.

### Limitations

- Entire system should not exceed 4 mils dry.

### Product Information

Colors — Standard:	Technical Data	White																		
White	Vehicle Type	Nitrocellulose																		
— Tint Bases:	Pigment Type	N/A																		
N/A	Weight Solids	31% ± 1.0%																		
— Special Colors:	Volume Solids	17% ± 1.0%																		
N/A	Coverage per Gallon at 1 mil DFT	272 – 300 sq. ft.																		
<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 & exempt solvents.	Recommended Film Thickness	– Wet 3 – 5 mils – Dry 0.5 – 0.8 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.																			
<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>	VOC REGION	COMPLIANT	FEDERAL	YES	OTC	NO	OTCII	NO	CARB	NO	CARB07	NO	UTAH	NO	AZMC	YES	SCAQMD	NO	Dry Time @ 75 °F (23.8 °C) @ 50% RH	– To Sand 25 – 30 Minutes – To Recoat 30 – 40 Minutes
	VOC REGION	COMPLIANT																		
	FEDERAL	YES																		
	OTC	NO																		
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	UTAH	NO																		
	AZMC	YES																		
SCAQMD	NO																			
High humidity and cool temperatures will result in longer dry and recoat times.																				
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	1A.406 or 1A.519 Lacquer Thinner																			
Weight Per Gallon	8.3 – 8.5 lbs.																			
Storage Temperature	– Min. 50 °F – Max. 90 °F																			
<b>Volatile Organic Compounds (VOC)</b>																				
671 Grams/Liter    5.6 Lbs./Gallon																				
<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>																				

## Duralaq® High Hiding Premium White Undercoater 1C.402

**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.**

Agitate Duralaq® 1C.402 well before use. Over properly prepared wood surfaces apply one coat of 1C.402 undercoater then let dry. Sand well with 280-320 grit silicon carbide sandpaper. Select the desired sheen of topcoat from the DuraLaq®, UltraLaq® or MegaVar® white series; mix well and apply two coats in even 3 – 5 wet mils. Scuff sand between coats. Do not exceed more than two topcoats.

**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 raw wood with no finer than 120-grit sandpaper and remove all dust. Duralaq® 1C.402 is formulated ready to spray. Check with equipment manufacturer for proper settings to achieve proper atomization. Once dry, scuff sand with 280-320 grit sandpaper prior to applying the selected topcoat. 1C.402 may be applied under conversion varnish, precat or lacquer topcoats. Under catalyzed systems, 1C.402 should be limited to a single coat. Entire system should not exceed three coats, applied at 3 – 5 wet mils each. Small amounts of Lenmar® 1A.114 Retarder may be used in adverse weather conditions. Read label and SDS for additional information and warnings.

### Clean Up

Clean with 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 CO<sub>2</sub>, 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)

### KEEP OUT OF REACH OF CHILDREN INTENDED FOR PROFESSIONAL USE ONLY

This product may not be compliant under Architectural and Industrial Maintenance regulations in all jurisdictions when field applied to stationary structures. This product may also be Shop or OEM applied. To ensure compliance check local regulations as requirements do vary.

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.**