



# DURALAQ<sup>®</sup>

## READY-TO-SPRAY PRO WHITE UNDERCOATER 1C-421

### Features

- 31% Solid Content
- Ready To Spray
- Sands Easily
- High Build
- Fast Drying

### General Description

Lenmar<sup>®</sup> DuraLaq<sup>®</sup> 1C-421 is a ready-to-spray white nitrocellulose undercoater designed specifically for high volume, high hide applications. 1C-421 is designed to serve as an ideal foundation for any of the Duralaq<sup>®</sup> Nitrocellulose pigmented topcoats. Additional benefits of the DuraLaq<sup>®</sup> 1C-421 undercoat include excellent penetration and adhesion into properly prepared interior wood substrates or MDF, exceptional amount of solids for initial build and hide, fast drying and easy powdery sanding. DuraLaq<sup>®</sup> 1C-421 will not require reduction before use.

### 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	32% ± 1.0%	
— Special Colors:		Volume Solids	17% – 20%	
N/A		Coverage per Gallon at 1 mil DFT	272 - 325 sq. ft.	
<b>Certification &amp; Qualifications:</b>		Recommended Film Thickness	– Wet	3 – 5 mils
The products supported by this data sheet contain a maximum of 680 grams per liter VOC (5.7 lbs/gal.) excluding water and exempt solvents.		– Dry	0.5 - 1 mils	
*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.		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.		
<b>VOC REGION</b>	<b>COMPLIANT</b>	Dry Time @ 75 °F (23.8 °C) @ 50% RH	– To Sand	25 – 30 Minutes
FEDERAL	YES	– To Recoat	30 – 40 Minutes	
OTC	NO	High humidity and cool temperatures will result in longer dry and recoat times.		
OTCII	NO	Dries By	Evaporation	
CARB	NO	Viscosity Brookfield	38 – 42 CPS	
CARB07	NO	Flash Point	13 °F (-10.6 °C)	
UTAH	NO	Gloss / Sheen	N/A	
AZMC	YES	Surface Temperature at Application	– Min.	68 °F
SCAQMD	NO	– Max.	50 °F	
<b>Technical Assistance:</b>		Thin With	Do Not Thin	
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>		Clean Up Thinner	1A-406 or 1A-519 Lacquer Thinner	
		Weight Per Gallon	8.0 – 8.2 lbs.	
		Storage Temperature	– Min.	50 °F
		– Max.	90 °F	
<b>Volatile Organic Compounds (VOC)</b>				
627 Grams/Liter    5.2 Lbs./Gallon				

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## DuraLaq® Ready-To-Spray Pro White Undercoater 1C-421

**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.**

Mix DuraLaq® 1C-421 well before use. Over properly prepared wood surfaces apply one coat of 1C-421 undercoater then let dry. Sand well with 280-320 grit silicon carbide sandpaper. Select the desired sheen of topcoat from the DuraLaq® Pigmented Lacquer Series. Apply two top coats sanding between each coat

**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. Apply 1C-421 by spray only. Check with equipment manufacturer for ideal settings to achieve proper atomization. Once dry, scuff sand with 280-320 grit sandpaper prior to applying the selected topcoat. 1C-421 is designed for use under lacquer topcoats only. 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

May cause 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  
FOR WOOD SUBSTRATES ONLY  
FOR INTERIOR USE ONLY**

**This product may be compliant under Architectural and Industrial Maintenance regulations in some jurisdictions when field applied to stationary structures. This product may also be Shop or OEM applied. 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.**