



# DURALAQ-WB<sup>®</sup>

## WATERBORNE WHITE ACRYLIC FINISH 1WB-20X

### Features

- Exceptional Solids
- Ready To Spray Viscosity
- Non-Yellowing
- Single Component
- Four Sheen Levels

### General Description

Lenmar<sup>®</sup> DuraLaq-WB<sup>®</sup> 1WB-20X Series of White Waterborne Finishes are the natural choice where the uses of traditional solvent-borne lacquers are not desired or practical. The primary benefit is the non-flammability formulation. Additionally, DuraLaq-WB<sup>®</sup> products easily clean-up with water and they form a durable non-yellowing finish all in a ready to spray viscosity. Use of waterborne systems requires spray equipment to be all stainless steel, verify design and function before use with waterborne products. Properly maintained equipment and lines will help to eliminate defects in coating performance.

### Recommended For

Kitchen Cabinets, Window and Door Trim, Baseboards and Moldings, Interior Shutters, Displays

### Limitations

- For best results, apply at room temperature above 68 °F
- Entire system should not exceed 5 mils dry.

### Product Information

Colors — Standard:		Technical Data	White/Gloss
1WB-202 – Dull Rubbed	1WB-204 – Satin	Vehicle Type	Modified Acrylic
1WB-206 – Semi-gloss	1WB-209 – Gloss	Pigment Type	Titanium Dioxide
<b>— Tint Bases:</b>		Weight Solids	28% ± 1.0%
N/A		Volume Solids	26% ± 1.0%
<b>— Special Colors:</b>		Coverage per Gallon at 1 mil DFT	417 – 425 Sq. Ft.
N/A		Recommended Film – Wet	3 - 5 mils
<b>Certifications &amp; Qualifications:</b>		Thickness – Dry	0.9 – 1.25 mils
<b>VOC compliant in all regulated areas</b>		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.	
The products supported by this data sheet contain a maximum of 275 grams per liter VOC (2.29 lbs/gal.) excluding water and exempt solvents.		Dry Time @ 75 °F – To Sand	30 – 35 Minutes
		(23.8 °C) @ 50% RH – To Recoat	35 – 45 Minutes
		High humidity and cool temperatures will result in longer dry and recoat times.	
<b>Technical Assistance:</b>		Dries By	Coalescence
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>		Viscosity	63 ± 3 KU
		Flash Point	>200°F
		Dull Rubbed 18-22 @ 60°	
		Satin 35-45 @ 60°	
		Semi-Gloss 45-55 @ 60°	
		High Gloss 85-95 @ 60°	
		Surface Temperature – Min.	Above 68 °F
		at Application – Max.	90 °F
		Thin With	Distilled Water in small amounts if necessary
		Clean Up Thinner	Use distilled water immediately and flush system with isopropyl alcohol or a blend of water and butyl cellosolve.
		Weight Per Gallon	8.4 – 8.6 lbs
		Storage Temperature – Min.	50 °F
		– Max.	90 °F
<b>Volatile Organic Compounds (VOC)</b>			
		239 Grams/Liter	1.99 Lbs./Gallon

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◇ Reported values are for White/Gloss. Contact dealer/distributor for values of other bases or colors.

## DuraLaq-WB® Waterborne White Acrylic Finish 1WB-20X

**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 5 MILS DRY. LENMAR PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION ONLY.**

Over properly prepared interior wood surfaces apply one coat of DuraLaq-WB® 1WB-200 white waterborne undercoater in a 2-3 mil coat. Allow to dry and sand with silicon carbide 280-320 grit sandpaper. Topcoat with the desired sheen level selected from the 1WB-20X Series. Apply two coats, by spray only, at 3-5 mils each. Allow to fully and scuff sand between all coats. Do not exceed more than two topcoats (3 coats total). Keep from freezing. For best results, apply at room temperature above 68 °F.

**ENTIRE SYSTEM SHOULD NOT EXCEED MORE THAN 5 MILS DRY.**

### Specifications

Moisture content of wood should be no higher than 9%. Wood must be free of surface contaminants. Final sand wood no finer than 120-150-grit sandpaper, depending on species, and remove all dust. Apply undercoater in accordance with Label / PDS instructions. Mix 1WB-20X series products thoroughly and apply first coat by spray only. Check with equipment manufacturer for ideal settings to achieve proper atomization. Make sure equipment is designed for use with waterborne products. Follow all recommended maintenance procedures. After first coat has dried, sand with 280-320 grit, non-stearated, silicon carbide paper prior to applying final coat. May be applied in a self-seal finish of 3 coats. Variations of temperature and humidity may affect normal dry times. To promote adhesion, scuff sand between coats and remove dust. Do not use steel wool. Use distilled water, in small amounts, if reduction is necessary. Read label and SDS for additional information and warnings.

### Clean Up

Use distilled water immediately and flush system with isopropyl alcohol or a blend of water and butyl cellosolve.

## Environmental Health and Safety Information

### DANGER!

**May damage fertility or the unborn child**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Response:** If exposed or concerned get medical attention.

**Storage:** Store locked up.

**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 FROM FREEZING  
FOR PROFESSIONAL USE ONLY  
KEEP OUT OF REACH OF CHILDREN**

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

This product is intended for Shop or OEM application 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.**