



DURALAQ-WB[®]

WATERBORNE ACRYLIC CLEAR SEALER

1WB.100

Features

- Exceptional Solids
- Ready To Spray Viscosity
- Non-Yellowing
- Single Component
- Easy to sand

General Description

Lenmar[®] DuraLaq-WB[®] 1WB.100 Sealer is a natural choice where the use of traditional solvent-borne sealer is not practical. DuraLaq-WB[®] products clean-up easily 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, Wood 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 more than 5 mils dry.

Product Information

<p>Colors — Standard: Clear</p> <p>— Tint Bases: N/A</p> <p>— Special Colors: N/A</p> <p>Certification & Qualifications:</p> <p>The products supported by this data sheet contain a maximum of 550 grams per liter VOC /VOS (4.59 lbs/gal.) excluding water and 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>YES</td> </tr> <tr> <td>OTCII</td> <td>NO</td> </tr> <tr> <td>CARB</td> <td>YES</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>Technical Assistance: Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-866-708-9180 or visit www.lenmar-coatings.com</p>	VOC REGION	COMPLIANT	FEDERAL	YES	OTC	YES	OTCII	NO	CARB	YES	CARB07	NO	UTAH	NO	AZMC	YES	SCAQMD	NO	<p>Technical Data[∠]</p> <table border="1"> <thead> <tr> <th colspan="2"></th> <th>Clear Sealer</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td></td> <td>Modified Acrylic</td> </tr> <tr> <td>Pigment Type</td> <td></td> <td>N/A</td> </tr> <tr> <td>Weight Solids</td> <td></td> <td>28% ± 1.0%</td> </tr> <tr> <td>Volume Solids</td> <td></td> <td>26% ± 1.0%</td> </tr> <tr> <td>Coverage per Gallon at Recommended Film Thickness</td> <td></td> <td>417 – 425 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>0.9 – 1.25 mils</td> </tr> <tr> <td rowspan="2">Dry Time @ 77 °F (25 °C) @ 50% RH</td> <td>– To Sand</td> <td>30 – 35 Minutes</td> </tr> <tr> <td>– To Recoat</td> <td>35 – 45 Minutes</td> </tr> <tr> <td colspan="3">High humidity and cool temperatures will result in longer dry, recoat and cure times.</td> </tr> <tr> <td>Dries By</td> <td></td> <td>Coalescence</td> </tr> <tr> <td>Viscosity</td> <td></td> <td>38-42 Seconds (#2 Zahn)</td> </tr> <tr> <td>Flash Point</td> <td></td> <td>>200°F</td> </tr> <tr> <td colspan="3">Gloss / Sheen</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> <tr> <td>Thin With</td> <td></td> <td>Not required</td> </tr> <tr> <td>Clean Up Thinner</td> <td></td> <td>Use distilled water immediately and flush system with isopropyl alcohol or a blend of water and butyl cellosolve.</td> </tr> <tr> <td>Weight Per Gallon</td> <td></td> <td>8.4 – 8.6 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> <tr> <td colspan="3" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td colspan="3" style="text-align: center;">378 g/L 3.16 Lbs./Gallon</td> </tr> </tbody> </table>			Clear Sealer	Vehicle Type		Modified Acrylic	Pigment Type		N/A	Weight Solids		28% ± 1.0%	Volume Solids		26% ± 1.0%	Coverage per Gallon at Recommended Film Thickness		417 – 425 Sq. Ft.	Recommended Film Thickness	– Wet	3 – 5 mils	– Dry	0.9 – 1.25 mils	Dry Time @ 77 °F (25 °C) @ 50% RH	– To Sand	30 – 35 Minutes	– To Recoat	35 – 45 Minutes	High humidity and cool temperatures will result in longer dry, recoat and cure times.			Dries By		Coalescence	Viscosity		38-42 Seconds (#2 Zahn)	Flash Point		>200°F	Gloss / Sheen			Surface Temperature at Application	– Min.	68 °F	– Max	90 °F	Thin With		Not required	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	Volatile Organic Compounds (VOC)			378 g/L 3.16 Lbs./Gallon		
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DuraLaq-WB® Waterborne Acrylic Clear Sealer 1WB.100

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. Carefully clean up 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 Information Hotline at 1-800-424-LEAD or log on to 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 a pre-seal coat of DuraLaq-WB® 1WB.100 waterborne in a 1-2 mil coat. Allow to dry and sand lightly with silicon carbide, 320 grit sandpaper. Apply second coat at 3-4 wet mils and sand. Topcoat with the desired sheen level selected from the 1WB.10X Series. Apply two coats, by spray only, at 3-4 mils each. Allow to dry 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 and maintain good air movement in drying area.

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Specifications

Moisture content of wood should be no higher than 9%. Wood must be free of surface contaminants. Final sand wood no finer than 150-grit sandpaper, and remove all sanding dust. Mix thoroughly and apply 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. Apply pre-seal coat at 1-2 wet mils, and allow to dry. De-nib with 320 grit, non-stearated, silicon carbide paper. Apply seal coat at 3-4 wet mils prior to applying final two coats. Variations of temperature and humidity may affect normal dry times. To promote adhesion, scuff sand between coats and remove sanding 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

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling. Refer to Safety Data Sheet for additional health and safety information.



WARNING Cancer and Reproductive Harm—
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
PROTECT FROM FREEZING**

**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.**