



MEGAVAR-WB[®]

PREMIUM WATERBORNE CLEAR POLYURETHANE FINISH 1WB-50X

Features

- Non-Yellowing Formulation
- Exceeds KCMA Standards
- High Solids Content
- Ready To Spray Viscosity
- Self-Sealing
- Resists Moisture
- Resists chemicals
- No Pot Life

Recommended For

Bar Tops, Office Furniture, Displays & Fixtures, Kitchen Cabinets, Bathroom Vanities, Commercial Cabinets.

General Description

Lenmar[®] 1WB-50X MegaVar-WB[®] Series of non-yellowing, high solids, waterborne finishes is designed for the professional woodworker who demands maximum performance and clarity in a clear finish. This product is a self-sealing, self-catalyzing waterborne system that is fast drying, and offers superior protection against moisture and household chemicals. The high solids formula builds to a beautiful and exceptionally durable film. This waterborne polyurethane finish is recommended as a self-sealing finish over properly prepared interior wood surfaces.

Limitations

- Entire system should not exceed more than 5 mils dry.

Product Information

<p>Colors — Standard: Clear Gloss (509), Semi-Gloss (506), Satin (504), Dull (502)</p>	<p>Technical Data Clear/Gloss</p>												
<p>— Tint Bases: N/A</p>	<table border="1"> <tr> <td>Vehicle Type</td> <td>Modified Acrylic Urethane</td> </tr> <tr> <td>Pigment Type</td> <td>N/A</td> </tr> <tr> <td>Weight Solids</td> <td>31% ± 1.0%</td> </tr> <tr> <td>Volume Solids</td> <td>28% ± 1.0%</td> </tr> <tr> <td>Coverage per Gallon at 1 mil DFT</td> <td>449 – 475 Sq. Ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet 3 – 5 mils – Dry 0.9 – 1.25 mils</td> </tr> </table>	Vehicle Type	Modified Acrylic Urethane	Pigment Type	N/A	Weight Solids	31% ± 1.0%	Volume Solids	28% ± 1.0%	Coverage per Gallon at 1 mil DFT	449 – 475 Sq. Ft.	Recommended Film Thickness	– Wet 3 – 5 mils – Dry 0.9 – 1.25 mils
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<p>— Special Colors: N/A</p>	<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>												
<p>Certifications & Qualifications: VOC compliant in all regulated areas</p> <p>The products supported by this data sheet contain a maximum of 275 grams per liter VOC (2.29 lbs./gal.) excluding water & exempt solvents.</p>	<table border="1"> <tr> <td>Dry Time @ 75 °F (23.8 °C) @ 50% RH</td> <td>– To Sand</td> <td>25 – 35 Minutes</td> </tr> <tr> <td></td> <td>– To Recoat</td> <td>30–60 Minutes</td> </tr> </table> <p>High humidity and cool temperatures will result in longer dry and recoat times.</p> <p>Flash Point >200°F</p> <p>Dries By Self Cross linking / Coalescence</p> <p>Viscosity 28 – 32 Seconds (#2 Zahn EZ)</p> <p>Gloss / Sheen Dull Rubbed/Satin/Semi-Gloss/Gloss</p> <p>Surface Temperature at Application</p> <table border="1"> <tr> <td>– Min.</td> <td>68 °F</td> </tr> <tr> <td>– Max.</td> <td>90 °F</td> </tr> </table>	Dry Time @ 75 °F (23.8 °C) @ 50% RH	– To Sand	25 – 35 Minutes		– To Recoat	30–60 Minutes	– Min.	68 °F	– Max.	90 °F		
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<p>Technical Assistance: Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-877-299-3600 or visit www.lenmar-coatings.com</p>	<p>Thin With Water</p> <p>Clean Up Thinner Water or alcohol-water blend</p> <p>Weight Per Gallon 8.5 – 8.7 lbs</p> <p>Storage Temperature</p> <table border="1"> <tr> <td>– Min.</td> <td>50 °F</td> </tr> <tr> <td>– Max.</td> <td>90 °F</td> </tr> </table> <p>Volatile Organic Compounds (VOC)</p> <table border="1"> <tr> <td>274 Grams/Liter</td> <td>2.28 Lbs./Gallon</td> </tr> </table>	– Min.	50 °F	– Max.	90 °F	274 Grams/Liter	2.28 Lbs./Gallon						
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May, 2022

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

MegaVar-WB Premium Waterborne Polyurethane Finish 1WB-50X

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.

Application

ENTIRE SYSTEM SHOULD NOT EXCEED MORE THAN 5 MILS DRY. LENMAR® PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION

The 1WB-50X Series is ideally used as a self-sealing, three-coat, finish over new wood. Select the desired sheen from the 1WB-50X line, mix carefully, then apply three even coats of 3-5 mils; allow to dry, sanding between each coat for proper adhesion. If a separate sealer is desired, apply one coat of 1WB-100 W/B Acrylic Sealer according to Label/PDS directions, let dry, and sand. Follow with 2 topcoats from the 1WB-50X line.

ENTIRE SYSTEM SHOULD NOT EXCEED 5 MILS DRY

Specifications

Moisture content of wood should be no higher than 9%. Wood must be free of surface contaminants. Sand wood with no finer than 150-grit sandpaper and remove all dust. Mix thoroughly; apply by spray only, at the recommended temperatures (above 65 °F). Check with equipment manufacturer for settings to achieve proper atomization. Apply a first coat of finish and let dry. Sand lightly with 320-grit, non-stearated, silicon carbide sandpaper. Follow with no more than 2 additional coats of finish, sanding between all coats. (Sanding is required to achieve proper adhesion.) Small amounts of water or glycol/water blend may be used if applied during adverse weather conditions. Read label and SDS for additional information.

Clean up

Cleanup with water or alcohol-water blend.

Environmental Health & Safety Information

DANGER!

Causes skin irritation

Causes serious eye irritation

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. Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection.

Response: IF exposed or concerned: Get medical advice/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 ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage: Store locked up.

Disposal: Dispose of contents /container to an approved waste disposal plant.



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 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.**