



DURALAQ-WB WATERBORNE ACRYLIC CLEAR SEALER 1WB.100

Features

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

Recommended For

Kitchen Cabinets, Wood & Door Trim, Baseboards and Mouldings, Interior Shutters, Displays

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 are low in odour, 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.

Limitations

- For best results, apply at room temperature above 20 °C (68 °F).
- Entire system should not exceed more than 5 mils dry.

Product Information

Colours — Standard:	Technical Data	Clear Sealer
Clear	Vehicle Type	Modified Acrylic
	Pigment Type	N/A
	Weight Solids	28% ± 1.0%
	Volume Solids	26% ± 1.0%
	Coverage per 3.79 L at 1 mil DFT	38.8 – 39.5 sq. m. (417 – 425 Sq. Ft.)
	Recommended Film Thickness	– Wet 3 – 5 mils – Dry 0.9 – 1.23 mils
	Dry Time @ 23.9 °C (75 °F) @ 50% RH	– To Sand 30 – 35 Minutes – To Recoat 35 – 45 Minutes
	High humidity and cool temperatures will result in longer dry and recoat times.	
	Dries By	Coalescence
	Viscosity	38 – 42 Seconds (#2 Zahn)
	Flash Point	>93.2 °C (>200 °F)
	Gloss / Sheen	
	Surface Temperature at Application	– Min. 20 °C (68 °F) – Max. 32.2 °C (90 °F)
	Thin With	Not required
	Clean Up Thinner	Use distilled water immediately & flush system with isopropyl alcohol or a blend of water and butyl cellosolve
	Weight Per 3.79 L	3.8 – 3.9 kg (8.4 – 8.6 lbs)
	Storage Temperature	– Min. 10 °C (50 °F) – Max. 32.2 °C (90 °F)
	Volatile Organic Compounds (VOC)	
	378 Grams/Litre	
Certification:	The products supported by this data sheet contain a maximum of 550 grams per litre VOC /VOS excluding water & exempt solvents.	
	This product is compliant as a Lacquer Sanding Sealer.	
Technical Assistance:	For Technical Assistance please contact your authorized Lenmar® Dealer/Distributor, your Lenmar® sales representative, Technical Service at 1-800-225-5554, or visit www.lenmar-coatings.ca	

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. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php.

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 20 °C (68 °F) and maintain good air movement in drying area.

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 150-grit sandpaper, and remove all 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 dust. Do not use steel wool. Use distilled water, in small amounts, if reduction is necessary. Read label and MSDS 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.

Keep closures tight and upright to prevent leakage. Keep container closed. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Environmental Health & Safety Information

WARNING! HARMFUL IF INHALED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES IRRITATION. HARMFUL IF SWALLOWED.

Contains ingredients which may cause blood damage based on animal data.

Do not breathe dust, vapour or spray mist. May affect the brain or nervous system causing dizziness, headache or nausea. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **Use with adequate ventilation.**

FIRST AID: In case of contact, immediately flush eyes and skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before re-use. Thoroughly clean contaminated shoes. If affected by inhalation of vapour or spray mist, remove to fresh air. If swallowed, call a physician.

**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.**