



DURALAQ[®]

275 VOC PIGMENTED WHITE NITROCELLULOSE LACQUER 1M.230X

Features

- High Build
- Fast Drying
- Contains No Aromatic Solvents
- Ready To Spray

General Description

An excellent, 275 V.O.C., Low HAP's pigmented lacquer for application on wooden substrates. Film properties demonstrate both excellent flexibility and impact resistance.

Recommended For

1M.230X is an ideal finish for furniture, cabinets, paneling, interior trim and moldings.

Limitations

- Entire system should not exceed 4 mils dry.
- Apply by spray only, with temperatures above 68 °F.

Product Information

Gloss — Standard:		Technical Data		White/Gloss	
1M-2304, Satin 40 ± 2 @ 60°		Vehicle Type		Nitrocellulose	
1M-2306, Semi-Gloss 60 ± 2 @ 60°		Pigment Type		N/A	
1M-2309, Gloss 90+ @ 60°		Weight Solids		36% ± 2.0%	
— Tint Bases:		Volume Solids		23% ± 2.0%	
N/A		Coverage per Gallon		400 Sq. Ft.	
— Special Colors:		Recommended Film		– Wet 3 – 4 mils	
N/A		Thickness		– Dry 0.7 - 0.9 mils	
Certifications & Qualifications:		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.			
VOC compliant in all regulated areas		Dry Time @ 75 °F		– Dust Free 10 – 15 Minutes	
The products supported by this data sheet contain a maximum of 275 grams per liter VOC /VOS (2.3 lbs. /gal.) excluding water & exempt solvents.		(23.8 °C) @ 50% RH		– Light Sand 20 – 30 Minutes	
				– To Recoat 20 - 30 Minutes	
		High humidity and cool temperatures will result in longer dry and recoat times.			
Technical Assistance:		Dries By		Evaporation	
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		Viscosity		22 – 25 SEC #2 EZ ZAHN	
		Flash Point		10 °F	
		Gloss / Sheen		See Gloss Standard section	
		Surface Temperature		– Min. 68 °F	
		at Application		– Max. 90 °F	
		Thin With		Acetone	
		Clean Up Thinner		Acetone	
		Weight Per Gallon		8.1 lbs. +/- per lab specifications	
		Storage Temperature		– Min. 50 °F	
				– Max. 90 °F	
Volatile Organic Compounds (VOC)					
		275 Grams/Liter		2.3 Lbs./Gallon	

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

Surface Preparation

New Wood: Remove all dirt and wood dust. Sand and remove all sanding dust. Before finishing be certain the wood is dry. Seal / prime the wood in accordance with application directions specified by each primer / undercoat product.

Old Wood: Many old wood finishes have contaminants that may affect top coating with lacquer. Be certain to remove old finish completely and be certain the surface is free of all contamination.

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 Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

ENTIRE SYSTEM SHOULD NOT EXCEED MORE THAN 4 MILS DRY.

For best results apply a wet coat of 3-4 mils. This product is ready to spray and reduction is not necessary. Thinner may be used if required by specific application equipment and in compliance of VOC regulations. Retarder may be used (3-4 oz. per gallon) to extend the open time during periods of high humidity and / or high temperatures.

Airless Equipment: Atomization pressure 1000-1500 psi, 0.005 Fine-finish Tip, 0.011 Regular Tip. Temperature 77 °F.

Conventional Equipment: Fluid Pressure 10-15 psi, Atomization pressure 30-40 psi. Temperature 77 °F.

AIR DRY OR MAY BE FORCE DRIED AT UP TO 140 °F.

ENTIRE SYSTEM SHOULD NOT EXCEED 4 MILS DRY.

Finishing System

Primer: 1C.2395 lacquer primer undercoater - one coat recommended.

Topcoat: Maximum two coats 1M.230x series

Clean Up

Clean with Acetone.

Environmental Health & Safety Information

DANGER!

Causes serious eye irritation

May damage fertility or the unborn child

May cause drowsiness or dizziness

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. Avoid breathing 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 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 (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of fire: Use CO₂, 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

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 FOR WOOD SUBSTRATES ONLY

This product is intended for Shop or OEM applications. This product may also be compliant under Architectural and Industrial Maintenance regulations in some jurisdictions for field application to stationary structures. 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.**