



ULTRALAQ[®]

275 VOC WW PRECATALYZED LACQUER 1D.221X

Features

- High Build
- Fast Drying
- Water White Formulation
- High Performance Precat Lacquer
- Contains No Aromatic Solvents
- Ready To Spray

Recommended For

Kitchen Cabinets, Institutional and Office Furniture or any other applications where a durable, long lasting finish is desired. Suitable finish coat for pickled and white wash finishes.

General Description

UltraLaq[®] 275 VOC WW Precat Lacquer is an elite quality clear lacquer system using advanced formulating technology that produces a superior finish over other types of conventional nitrocellulose lacquers. A pre-catalyzed, cross-linked, nitrocellulose lacquer (Amino Alkyd), these finishes are low in formaldehyde and contains no aromatic solvents. This Precatalyzed Clear Lacquer is a high build, fast drying product that produces an exceptionally tough and durable finish. This product can be used as a self-sealing finish. Water, food stain, and alcohol resistance is superior. Water White in appearance these products represent the latest in finishing technology.

Limitations

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

Product Information

Gloss — Standard:

1D-2211 Flat 4-8 @ 60°
 1D-2212 Dull 15-20 @ 60°
 1D-2214 Satin 35-40 @ 60°
 1D-2216 Semi-Gloss 60-65 @ 60°
 1D-2219 Gloss 90+ @ 60°

— Tint Bases:

N/A

— Special Colors:

N/A
 May be tinted with industrial colorants

Certifications & Qualifications:

VOC compliant in all regulated areas

The products supported by this data sheet contain a maximum of 275 grams per liter VOC /VOS (2.28 lbs. /gal.) excluding water & exempt solvents.

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

Technical Data

Clear/Gloss

Vehicle Type	Nitrocellulose	
Pigment Type	N/A	
Weight Solids	28% ± 2.0%	
Volume Solids	21% ± 2.0%	
Coverage per Gallon at 1 mil DFT	Up to 420 Sq. Ft.	
Recommended Film Thickness	– Wet	3 – 4 mils
	– Dry	0.7 – 0.9 mils
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.		
Dry Time @ 77°F (25°C) @ 50% RH	– To Touch	15 – 25 Minutes
	– To Sand	15 – 30 Minutes
	– Stacking	12+ Hours
High humidity and cool temperatures will result in longer dry and recoat times.		
Dries By	Evaporation	
Viscosity	18 – 21 Seconds (#2 Zahn)	
Flash Point	0 °F (–18 °C)	
Gloss / Sheen @ 60°	See Gloss-Standard section	
Surface Temperature at Application	– Min.	68 °F
	– Max.	90 °F
Thin With	Acetone	
Clean Up Thinner	Acetone	
Weight Per Gallon	8.02 lbs. +/- per QC Standards	
Storage Temperature	– Min.	50 °F
	– Max.	120 °F

Volatile Organic Compounds (VOC)

273 Grams/Liter 2.28 Lbs./Gallon

◇ Reported values are for Clear/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. Stain and seal wood in accordance with application directions specified by each 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 Informational 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. LENMAR® PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION ONLY.

For best results apply a wet coat of 3-4 mils. This product is ready to spray and reduction is not necessary. 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.

Forced Dry Times @ 122 °F:

To Touch: 5 – 10 Minutes

To Sand: 8 – 12 Minutes

Stacking: 30 – 60 Minutes

ENTIRE SYSTEM SHOULD NOT EXCEED 4 MILS DRY.

Typical Finishing System

Sealer: 1C.2138 vinyl sealer - one coat recommended.

Topcoat: Maximum two coats of UltraLaq® 1D.22XX 275 VOC White Water Precat Lacquer.

Clean Up

Clean with acetone.

Environmental Health & Safety Information

DANGER!

Causes skin irritation

Causes serious eye irritation

Suspected of causing cancer

May damage fertility or the unborn child

May cause respiratory irritation. May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

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. Do not breathe 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 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 skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. 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.

DANGER - Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.



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.**