



ULTRALAQ

HS WATER WHITE CLEAR

PRECATALYZED LACQUER 1D.35X

Features

- Water White Clarity
- Meets or Exceeds KCMA Standards
- Meets or Exceeds AWS Standards
- Self Sealing
- Resists Moisture
- Resists Chemicals
- Pre-Catalyzed

General Description

Lenmar® UltraLaq 1D.35X Series products are high solids, water white pre-catalyzed nitrocellulose lacquers designed for professional woodworkers who demand maximum performance in a ready-to-spray finish. These products are formulated to be shelf-stable pre-catalyzed systems with 12 months of shelf life. Once catalyzed, pot-life will be 90-120 days, depending on humidity, atmospheric conditions, and care taken with open containers. Use the UltraLaq, 1D.35X Series, directly on properly prepared wood as a 3-coat self-sealing system, or if a sealer is desired, use UltraLaq® 1C.360 WW Vinyl Sealer or UltraLaq® 1C.370 Precatalyzed WW Vinyl Sealer for the first coat. Use all Precatalyzed products within 12 months from date of manufacturing.

Recommended For

Restaurant Furniture, Commercial Cabinets, Office Furniture, Kitchen Cabinets, Bathroom Vanities, Displays & Fixtures

Limitations

- Designed for interior use, by spray application only.
- Entire system should not exceed 5 mils dry.

Product Information

Colours — Standard:

Clear:
 1D.351 Flat 7-13 @ 60°
 1D.352 Dull Rubbed 15-20 @ 60°
 1D.354 Satin 35-40 @ 60°
 1D.356 Semi-Gloss 57-63 @ 60°
 1D.359 Gloss 85+ @ 60°

— Tint Bases:

ULTRALAQ 1D.35x series may be tinted with up to 118 mL (4 oz.) per 3.79 L of Industrial Colorants. The use of excessive colorant can weaken the dry film performance.

— Special Colours:

N/A

Certifications & Qualifications:

The products supported by this data sheet contain a maximum of 680 grams per litre VOC /VOS (5.7 lbs/gal.) excluding water & exempt solvents.

This product is not compliant for field applications.

Technical Assistance:

Available through your local authorized independent dealer. For the location of the dealer nearest you, call 1-800-361-5898 or visit www.lenmar-coatings.ca

Technical Data[◇]

Clear/Gloss (not catalyzed)

Vehicle Type	Nitrocellulose/Alkyd/Urea	
Pigment Type	N/A	
Weight Solids	33% ± 1.0%	
Volume Solids	25% ± 1.0%	
Coverage per 3.79 L at 1 mil DFT	37.3 – 39.5 sq. m. (400 – 425 Sq. Ft.)	
Recommended Film Thickness	– Wet	3 – 5 mils
	– Dry	0.75 – 1.25 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 @ 23.8 °C (75 °F) @ 50% RH @	– To Sand	25 – 30 Minutes
	– To Recoat	30 Minutes
High humidity and cool temperatures will result in longer dry and recoat times.		
Dries By	Evaporation	
Viscosity	26 – 29 Seconds (#2 Zahn)	
Flash Point	1D.354: –4.4° C (24 °F)	
Gloss / Sheen	See Colour - Standards	
Surface Temperature at Application	– Min.	7.2 °C (68 °F)
	– Max.	32.2 °C (90 °F)
Thin With	Do Not Thin	
Clean Up Thinner	1A.406 or 1A.519 Lacquer Thinner	
Weight Per 3.79 L	3.4 – 3.6 kg (7.6 – 8.0 lbs)	
Storage Temperature	– Min.	10 °C (50 °F)
	– Max.	32.2 °C (90 °F)

Volatile Organic Compounds (VOC)

616 Grams/Litres

[◇] Information for the Gloss (not catalyzed)

UltraLaq HS Water White Precatalyzed Lacquer 1D.35X

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 @<https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>

Application

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

The UltraLaq 1D.35X Series Precats are designed to be used as a self-sealing finish over new wood substrates, free of all surface contaminants. Apply a minimum of 3-coats for optimal protection, scuff sanding between each coat. For a traditional system using a separate sealer, apply a first coat of 1C.370, or 1C.380 Lenmar® Vinyl Sealers, followed with 2 coats of the selected sheen from the 1D.35X UltraLaq Series

ENTIRE SYSTEM SHOULD NOT EXCEED 5 MILS DRY.

Specifications

Moisture content of wood should be no higher than 9%. Sand wood with no finer than 150-grit sandpaper and remove all dust. Mix thoroughly and apply by spray only. Check with equipment manufacturer for settings to achieve proper atomization.

OPTIONAL: Product may be post catalyzed with 1A.5300B Catalyst 89 mL per 3.79 L, 473 mL per 19 L (3 oz. per gallon, 16 oz. per five gallons) to accelerate cure. Pot-life, once catalyzed is 90-120 days.

A small addition of 1A.406 might be necessary for best results. Apply the first coat of UltraLaq 1D.35X Series and let dry. Sand with no finer than 320-grit, silicon carbide sandpaper. Follow with no more than 2 additional coats of 1D.35X Series, scuff sanding between all coats. This series of products will fully cure in 7 – 10 days (5-6 days if post catalyzed). No reduction is required. However, the 1D.35X Series may be reduced or retarded with Acetone, T-Butyl Acetate, 1A.406 or 1A.114, if necessary, for specific application conditions. Read label and SDS for additional information and warnings.

Clean Up

Clean with 1A.406 or 1A.519 Lacquer Thinner.

Environmental Health & Safety Information

DANGER!

Causes skin irritation

Causes serious eye damage

Suspected of causing cancer

Suspected of damaging fertility or the unborn child

May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

Highly flammable liquid and vapor

Reactive flammable material

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. 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 advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. 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.

IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.

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.

**NOT FOR USE ON FLOORS
KEEP OUT OF REACH OF CHILDREN**

**THIS PRODUCT IS INTENDED FOR SHOP OR
OEM APPLICATION ONLY.**

**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.**