



ULTRAMAX[®]

HS WATER WHITE CLEAR PRE-CATALYZED LACQUER 1D-35X

Features

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

Recommended For

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

General Description

Lenmar[®] UltraMax[®] 1D-35X Series products are high solids, water white pre-catalyzed nitrocellulose lacquers designed from the newest resins and additives and targeted 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. Use the UltraMax[®], 1D-35X Series, directly on properly prepared wood substrates as a 3-coat self-sealing system, or if a sealer is desired, use UltraLaq[®] 1C-370 Pre-catalyzed WW Vinyl Sealer or UltraLaq[®] 1C-380 QD Pre-catalyzed WW Vinyl Sealer for the first coat. Use all Pre-catalyzed products within 12 months from date of manufacturing.

Limitations

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

Product Information

Colors — 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:

May be tinted with up to 4 oz. per gallon of Industrial Colorants. The use of excessive colorants can weaken the dry film performance. Do not tint with universal colorants.

— Special Colors:

N/A

Certification & Qualifications:

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

*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.

VOC REGION	COMPLIANT
FEDERAL	YES
OTC	NO
OTCII	NO
CARB	NO
CARB07	NO
UTAH	NO
AZMC	YES
SCAQMD	NO

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

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 Gallon at 1 mil DFT	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 @ 75 °F (23.8 °C) @ 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	20 – 25 Seconds (#2 Zahn)	
Flash Point	1D-351: 35 °F (1.7 °C)	
	1D-359: 24 °F (-4.4 °C)	
Gloss / Sheen	See Color - Standards	
Surface Temperature at Application	– Min.	68 °F
	– Max.	90 °F
Thin With	Do Not Thin	
Clean Up Thinner	1A-406 or 1A-519 Lacquer Thinner	
Weight Per Gallon	7.6 – 8.0 lbs.	
Storage Temperature	– Min.	50 °F
	– Max.	90 °F

Volatile Organic Compounds (VOC)

616 Grams/Liter 5.16 Lbs./Gallon

UltraMax® 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 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 5 MILS DRY. LENMAR® PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION ONLY.

The UltraMax® 1D-35X Series Pre-cats 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 UltraMax® 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-822 Catalyst (1.5 oz. per gallon, 8 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 UltraMax® 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

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.



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.

**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.**