



ULTRAMAX[®]

WATER WHITE PRECATALYZED LACQUER 1D-45X

Features

- Ready To Spray Viscosity
- Pre-catalyzed
- Self-Sealing
- Resists Moisture
- Resists Chemicals

General Description

Lenmar[®] UltraMax[®] 1D-45X Series products are pre-catalyzed nitrocellulose lacquers designed for professional woodworkers who demand maximum performance in a high solids, ready-to-spray finish. Use the 1D-45X Series directly on properly prepared wood as a 3-coat self-sealing system. Use within 12 months from date of manufacturing.

Recommended For

Fine Furniture, Office Furniture, Displays & Fixtures, Kitchen, Cabinets, Bathroom Vanities, Commercial Cabinets.

Limitations

- Entire system should not exceed 5 mils dry.
- Apply by spray only, with temperatures above 68 °F

Product Information

Colors — Standard:

1D-451 Flat	7-13 @ 60°
1D-452 Dull Rubbed	15-20 @ 60°
1D-454 Satin	35-40 @ 60°
1D-456 Semi-Gloss	57-63 @ 60°
1D-459 Gloss	85+ @ 60°

— Tint Bases:

These products 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:

Contact your dealer or distributor.

Certification & Qualifications:

The products supported by this data sheet contain a maximum of 550 grams per liter VOC (4.5 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	YES
OTCII	NO
CARB	YES
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 Sheen	
Vehicle Type	Alkyd/Urea/Nitrocellulose
Pigment Type	N/A
Weight Solids	32% ± 1.0%
Volume Solids	24% ± 1.0%
Coverage per Gallon at 1 mil DFT	370 – 400 Sq. Ft.
Recommended Film Thickness	– Wet 3 – 5 mils – Dry 0.7 – 1.2 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 – 35 Minutes – To Recoat 30 - 45 Minutes
High humidity and cool temperatures will result in longer dry and recoat times.	
Dries By	Evaporation
Viscosity	25 ± 5 Seconds (#2 Zahn Sig.)
Flash Point	29 °F (-1.7 °C)
Gloss / Sheen	See Color - Standards
Surface Temperature at Application	– Min. 68 °F – Max. 90 °F
Thin With	Not Necessary
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)

550 Grams/Liter 4.5 Lbs./Gallon

UltraMax® Water White Precatalyzed Lacquer 1D-45X

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 5 MILS DRY. LENMAR® PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION ONLY. "THIS IS IDEALLY USED AS A THREE-COAT, SELF SEALING FINISH."

The UltraMax® 1D-45X Series is ideally used as a self-sealing finish over new wood. Select the desired sheen from the 1D-45X Series, shake well then apply three coats of self-sealing system for optimal protection. Allow to dry and scuff sand between coats.

ENTIRE SYSTEM SHOULD NOT EXCEED 5 MILS DRY.

Specifications

Moisture content of wood should be no higher than 9%. Wood must be free of surface contaminants. Sand wood with no finer than 150-grit sandpaper and remove all dust. Apply three even wet coats, sanding between each with 320 grit silicon carbide sandpaper. Apply, by spray only, with temperatures above 68 °F. Check with equipment manufacturer for settings to achieve proper atomization. Scuff sand between each coat to achieve best results. Small amounts of our 1A-114 Lacquer Retarder may be used if applied during adverse weather conditions. Read label and MSDS for additional information.

Clean Up

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

Environmental Health & Safety Information

DANGER!

Harmful if inhaled

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. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces, 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. Immediately call a POISON CENTER or physician. If on skin (or hair), take off immediately all contaminated clothing. Rinse skin with water. 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.

**FOR PROFESSIONAL USE ONLY
KEEP OUT OF REACH OF CHILDREN**

**FOR WOOD SUBSTRATES ONLY
FOR INTERIOR USE 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.**