



ULTRA UNILAQ[®]

CAB ACRYLIC WHITE UNDERCOATER

1C-900

Features

- Excellent Penetration
- Ready to Spray Viscosity
- Resists Cold Checking
- Sands Easily
- Non-Yellowing

Recommended For

Window & Door Trim, Furniture, Kitchen Cabinets, Bathroom Vanities, Displays.

General Description

Lenmar[®] Ultra UniLaq[®] 1C-900 Cellulose Acetate Butyrate (CAB) Acrylic White Undercoater is designed to serve as a comprehensive undercoater for use on cabinets and all fine wood finishing. The high solid content offers excellent adhesion and sands easily to provide an ideal foundation for the Ultra UniLaq[®] 1M-96X Series white CAB Acrylic topcoats. Additional benefits include ready-to-spray viscosity, fast drying properties and non-yellowing formulation. The Ultra UniLaq[®] 1C-900 undercoater is recommended over solid wood and MDF.

Limitations

- Entire system should not exceed 4 mils dry.
- Not for use on floors.

Product Information

Colors — Standard:

White

— Tint Bases:

N/A

— 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

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

White

Vehicle Type	Cellulose Acetate Butyrate (CAB)	
Pigment Type	N/A	
Weight Solids	43% ± 1.0%	
Volume Solids	26% ± 1.0%	
Coverage per Gallon at 1 mil DFT	417 – 425 sq. ft.	
Recommended Film Thickness	– Wet	3 – 5 mils
	– Dry	0.9 – 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	20 – 30 Minutes
	– To Recoat	30 – 60 Minutes
High humidity and cool temperatures will result in longer dry and recoat times.		
Dries By	Evaporation	
Viscosity	18 – 28 Seconds (#2 Zahn)	
Flash Point	44 °F (6.7 °C)	
Gloss / Sheen	N/A	
Surface Temperature at Application	– Min.	68 °F
	– Max.	90 °F
Thin With	Acetone or 1A-406 Thinner	
Clean Up Thinner	Acetone / 1A-519 Thinner	
Weight Per Gallon	9.2 – 9.4 lbs.	
Storage Temperature	– Min.	50 °F
	– Max.	90 °F

Volatile Organic Compounds (VOC)

621 Grams/Liter 5.18 Lbs./Gallon

Ultra UniLaq® CAB Acrylic White Undercoater 1C-900

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.

Over properly prepared interior wood surfaces, apply one full coat of Ultra UniLaq® 1C-900 CAB Acrylic Undercoater, allow to dry, then sand. Select the desired sheen from the Ultra UniLaq® 1M-96X Series topcoats, shake well and apply by spray only in an even wet coat. Allow to dry 30 minutes then scuff sand and apply a final topcoat. This finish offers a complete non-yellowing system.

ENTIRE SYSTEM SHOULD NOT EXCEED 4 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. Mix all products thoroughly and apply finish by spray only. Check with equipment manufacturer for proper settings to achieve proper atomization. Apply Ultra UniLaq® 1C-900, CAB Acrylic White Undercoater as a first coat, let dry and sand with 280-320 grit, silicon carbide sandpaper. Two coats of undercoat may be necessary over MDF. Follow with one-two additional wet coats (3-4 mils) of Ultra UniLaq® 1M-96X series topcoat in the desired sheen, sanding between each coat. (Recommended system is 3 coats – 2 undercoats + 1 topcoat or 1 undercoat + 2 topcoats). Scuff sand with 280-320 grit sandpaper between all coats. Reduce only with Acetone or 1A-406 Thinner. Use retarder sparingly, only as necessary for specific application conditions or to obtain good atomization. Do not thin inconsistent with local regulations. Read label and SDS for additional information and directions.

Clean Up

Clean up with Acetone or 1A-519 Lacquer Thinner.

Environmental Health & Safety Information

DANGER!

Causes skin irritation

Causes serious eye irritation

May cause cancer

May damage fertility or the unborn child

May cause damage to organs

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

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/mist/vapors/spray. Do not eat, drink or smoke when using this product. 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.

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 attention. If skin irritation occurs get medical attention. If on skin (or hair) take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. If swallowed immediately call a POISON CENTER or physician. Do NOT induce vomiting. In case of fire use CO₂, dry chemical, or foam for extinction.

Storage: Store locked up. Store in a well-ventilated place. Keep cool.

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
INTENDED FOR PROFESSIONAL USE ONLY**

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

NOT FOR USE ON FLOORS.

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.**