



DURALAQ[®]

HIGH VISCOSITY PRO WHITE

UNDERCOATER 1E.410

Features

- 43% Solid Content
- High Viscosity Concentrate
- Fast Drying
- Sands Easily

General Description

Lenmar[®] DuraLaq[®] 1E.410 is a white nitrocellulose undercoater designed specifically for high volume, high hide applications. 1E.410 is designed to serve as an ideal foundation for any of the DuraLaq[®] Nitrocellulose pigmented topcoats, UltraLaq[®] Precatalyzed pigmented topcoats or MegaVar[®] Catalyzed pigmented topcoats. Additional benefits of the DuraLaq[®] 1E.410 undercoat include excellent penetration and adhesion into properly prepared interior wood substrates or MDF, exceptional amount of solids for initial build and hide, fast drying and easy sanding. This undercoater exceeds KCMA standards and resists cold checking. DuraLaq[®] 1E.410 will require reduction before use, usually 10-30%, but can be reduced as great as 1:1. Reduce as necessary to achieve good atomization.

Recommended For

Production Applications, Displays, Window & Door Trim, Baseboards, Shutters, Cabinets.

Limitations

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

Product Information

Colors — Standard:		Technical Data		White																		
White		Vehicle Type	Nitrocellulose																			
— Tint Bases:		Pigment Type	N/A																			
N/A		Weight Solids	43% ± 1.0%																			
— Special Colors:		Volume Solids	25% ± 1.0%																			
N/A		Coverage per Gallon at 1 mil DFT	401 – 425 sq. ft.																			
Certification & Qualifications: The products supported by this data sheet contain a maximum of 680 grams per liter VOC /VOS (5.7 lbs/gal.) excluding water & exempt solvents.		Recommended Film	– Wet	3 – 5 mils																		
		Thickness	– Dry	0.75 – 1.25 mils																		
<table border="1"> <thead> <tr> <th>VOC REGION</th> <th>COMPLIANT</th> </tr> </thead> <tbody> <tr> <td>FEDERAL</td> <td>YES</td> </tr> <tr> <td>OTC</td> <td>YES</td> </tr> <tr> <td>OTCII</td> <td>NO</td> </tr> <tr> <td>CARB</td> <td>NO</td> </tr> <tr> <td>CARB07</td> <td>NO</td> </tr> <tr> <td>UTAH</td> <td>NO</td> </tr> <tr> <td>AZMC</td> <td>YES</td> </tr> <tr> <td>SCAQMD</td> <td>NO</td> </tr> </tbody> </table>		VOC REGION	COMPLIANT	FEDERAL	YES	OTC	YES	OTCII	NO	CARB	NO	CARB07	NO	UTAH	NO	AZMC	YES	SCAQMD	NO	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.		
		VOC REGION	COMPLIANT																			
FEDERAL	YES																					
OTC	YES																					
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 1-866-708-9180 or visit www.lenmar-coatings.com		Dry Time @ 75 °F	– To Sand	25 – 30 Minutes																		
		(23.8 °C) @ 50% RH	– To Recoat	30 – 40 Minutes																		
Volatile Organic Compounds (VOC) 645 Grams/Liter 5.39 Lbs./Gallon		High humidity and cool temperatures will result in longer dry and recoat times.																				
		Dries By	Evaporation																			
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		Viscosity	750 – 1100 CPS (Brookfield)																			
		Flash Point	16° F (-8.9° C)																			
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		Gloss / Sheen	N/A																			
		Surface Temperature at Application	– Min.	68 °F																		
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			– Max.	90 °F																		
		Thin With	See Specifications Section																			
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		Clean Up Thinner	1A.406 or 1A.519 Lacquer Thinner																			
		Weight Per Gallon	9.0 – 9.2 lbs.																			
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		Storage Temperature	– Min.	50 °F																		
			– Max.	90 °F																		

Duralaq® High Viscosity Pro White Undercoater 1E.410

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.

Reduce Duralaq® 1E.410 as required for spray equipment used; mix well before use. Over properly prepared wood surfaces apply one coat of 1E.410 undercoater then let dry. Sand well with 280-320 grit silicon carbide sandpaper. Select the desired sheen of topcoat from the Duralaq®, UltraLaq® or MegaVar® white series; mix well and apply two coats in even 3–5 wet mils. Scuff sand between coats. Do not exceed more than two topcoats

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 raw wood with no finer than 120-grit sandpaper and remove all sanding dust. Reduce 1E.410 undercoater up to 1:1 with Lenmar® 1A.406 or 1A.519 Lacquer Thinner, mix well, then apply by spray only. Do not reduce if doing so would violate any VOC regulations. Check with equipment manufacturer for ideal settings to achieve proper atomization. Once dry, scuff sand with 280-320 grit sandpaper prior to applying the selected topcoat. 1E.410 may be applied under conversion varnish, precat or lacquer topcoats. Under catalyzed systems, 1E.410 should be limited to a single coat. Entire system should not exceed three coats, applied at 3–5 wet mils each. Small amounts of Lenmar® 1A.114 Retarder may be used in adverse weather conditions. Read label and MSDS for additional information and warnings

Clean up

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

Environmental Health & Safety Information

DANGER!

Harmful if swallowed

Causes skin irritation

Causes serious eye irritation

May cause cancer

May damage fertility or the unborn child

Causes 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. Do not eat, drink or smoke when using this product. Wear eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. 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.

Response: IF exposed call a POISON CENTER or physician. 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 SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Rinse mouth. 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.

NOT FOR USE ON FLOORS.



WARNING Cancer and Reproductive Harm—
www.P65warnings.ca.gov

KEEP OUT OF REACH OF CHILDREN

NOT FOR USE ON FLOORS

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.