



DURALAQ[®]

HIGH VISCOSITY N/C BLACK UNDERCOATER 1C-216

Features

42% Solid Content Fast Drying
High Viscosity Concentrate Sands Easily

General Description

Lenmar[®] DuraLac[®] 1C-216 is a black nitrocellulose undercoater designed specifically for full hide and ease of application. The primary benefits include its high solid content for maximum build and filling properties, ease of sanding, and full hiding foundation. The reduction ratio for this undercoater is up to three parts 1A-519 lacquer thinner to one part 1C-216. Reduce only as necessary to obtain a sprayable viscosity with proper atomization. Overall dry film thickness is critical with production type lacquers.

Recommended For

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

Limitations

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

Product Information

<p>Colors — Standard: Black</p> <p>— Tint Bases: N/A</p> <p>— Special Colors: N/A</p> <p>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.</p> <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>NO</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> <p>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</p>	VOC REGION	COMPLIANT	FEDERAL	YES	OTC	NO	OTCII	NO	CARB	NO	CARB07	NO	UTAH	NO	AZMC	YES	SCAQMD	NO	<table border="1"> <thead> <tr> <th colspan="2">Technical Data</th> <th>Black</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td colspan="2">Nitrocellulose</td> </tr> <tr> <td>Pigment Type</td> <td colspan="2">N/A</td> </tr> <tr> <td>Weight Solids</td> <td colspan="2">43% ± 1.0%</td> </tr> <tr> <td>Volume Solids</td> <td colspan="2">25% ± 1.0%</td> </tr> <tr> <td>Coverage per Gallon at 1 mil DFT</td> <td colspan="2">401 – 425 sq. ft.</td> </tr> <tr> <td rowspan="2">Recommended Film Thickness</td> <td>– Wet</td> <td>3 – 5 mils</td> </tr> <tr> <td>– Dry</td> <td>0.75 – 1.25 mils</td> </tr> <tr> <td colspan="3">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.</td> </tr> <tr> <td rowspan="2">Dry Time @ 75 °F (23.8 °C) @ 50% RH</td> <td>– To Sand</td> <td>25 – 30 Minutes</td> </tr> <tr> <td>– To Recoat</td> <td>30 – 60 Minutes</td> </tr> <tr> <td colspan="3">High humidity and cool temperatures will result in longer dry and recoat times.</td> </tr> <tr> <td>Dries By</td> <td colspan="2">Evaporation</td> </tr> <tr> <td>Viscosity</td> <td colspan="2">750 – 1000 CPS (Brookfield)</td> </tr> <tr> <td>Flash Point</td> <td colspan="2">35°F (1.7°C)</td> </tr> <tr> <td>Gloss / Sheen</td> <td colspan="2">N/A</td> </tr> <tr> <td rowspan="2">Surface Temperature at Application</td> <td>– Min.</td> <td>45 °F</td> </tr> <tr> <td>– Max.</td> <td>90 °F</td> </tr> <tr> <td>Thin With</td> <td colspan="2">1A-519 Lacquer Thinner</td> </tr> <tr> <td>Clean Up Thinner</td> <td colspan="2">1A-406 or 1A-519 Lacquer Thinner</td> </tr> <tr> <td>Weight Per Gallon</td> <td colspan="2">7.1 – 7.3 lbs.</td> </tr> <tr> <td rowspan="2">Storage Temperature</td> <td>– Min.</td> <td>50 °F</td> </tr> <tr> <td>– Max.</td> <td>90 °F</td> </tr> <tr> <td colspan="3" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td colspan="2">601 Grams/Liter</td> <td>5.0 Lbs./Gallon</td> </tr> </tbody> </table>	Technical Data		Black	Vehicle Type	Nitrocellulose		Pigment Type	N/A		Weight Solids	43% ± 1.0%		Volume Solids	25% ± 1.0%		Coverage per Gallon at 1 mil DFT	401 – 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 – 60 Minutes	High humidity and cool temperatures will result in longer dry and recoat times.			Dries By	Evaporation		Viscosity	750 – 1000 CPS (Brookfield)		Flash Point	35°F (1.7°C)		Gloss / Sheen	N/A		Surface Temperature at Application	– Min.	45 °F	– Max.	90 °F	Thin With	1A-519 Lacquer Thinner		Clean Up Thinner	1A-406 or 1A-519 Lacquer Thinner		Weight Per Gallon	7.1 – 7.3 lbs.		Storage Temperature	– Min.	50 °F	– Max.	90 °F	Volatile Organic Compounds (VOC)			601 Grams/Liter		5.0 Lbs./Gallon
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May, 2022

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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.

Mix thoroughly before use then reduce as necessary for easy application. Over properly prepared wood substrates, apply one coat of 1C-216 Black Undercoater and let dry; sand with 280-320 grit silicon carbide sandpaper. Select the desired sheen from the Duralaq® 1A-XX Series of pigmented topcoats, mix well and apply two full coats. Allow each coat to dry 20-30 minutes then sand lightly 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 dust. Reduce undercoater up to 3:1 with 1A-519 Lacquer Thinner and apply by spray only. Do not reduce if doing so would violate any VOC regulations. Check with equipment manufacturer for proper settings to achieve proper atomization. Once dry, scuff sand with 280-320 grit sandpaper prior to applying the topcoat. Do not exceed more than two topcoats. Read label and SDS for additional information and warnings.

Clean Up

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

Environmental Health & Safety Information

DANGER!

Causes skin irritation

May cause cancer

Suspected of damaging fertility or the unborn child

May cause drowsiness or dizziness

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 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 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. IF SWALLOWED: Immediately call a POISON CENTER or doctor/ 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 container tightly closed.

Disposal: Dispose of contents/container to an approved waste disposal plant.



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

**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.**