



# DURALAQ<sup>®</sup>

## NITROCELLULOSE LACQUER

### TINT BASE 1K02-47XX

#### Features

- Fast Drying
- Ready To Spray

#### General Description

The DuraLac<sup>®</sup> 1K02-47XX Series of nitrocellulose lacquer tint bases are ideal for generating custom colors with the use of industrial colorants. These controlled bases are designed to take various amounts of industrial colorants based on the color's formula. The white base will accept up to 4 ounces of colorant. Primary benefits include an exceptional amount of solids for rapid build; fast drying and excellent flow over primed substrates. Test each color for accuracy before proceeding.

#### Recommended For

This pigmented lacquer series is ideal for the custom mill and cabinet workshops. Also, an excellent product for small manufacturing companies as well as contractors requiring special color tints on new woodwork.

#### Limitations

- Entire system should not exceed 4 mils dry.

#### Product Information

Colors — Standard:	Technical Data	Tint Base/Gloss								
N/A	Vehicle Type	Nitrocellulose								
<b>— Tint Bases: Gloss</b>	Pigment Type	N/A								
1K02-4774, White Satin: 40 – 42 @ 60°	Weight Solids	45%								
1K02-4776, White Semi-Gloss: 60 – 65 @ 60°	Volume Solids	31%								
<b>— Special Colors:</b>	Coverage per Gallon at 1 mil DFT	400 - 550 sq. ft.								
N/A	Recommended Film Thickness	<table border="0"> <tr> <td>– Wet</td> <td>3 – 5 mils</td> </tr> <tr> <td>– Dry</td> <td>0.9 – 1.2 mils</td> </tr> </table>	– Wet	3 – 5 mils	– Dry	0.9 – 1.2 mils				
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<b>Certification &amp; Qualifications:</b>	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.									
<p>The products supported by this data sheet contain a maximum of 680 grams per liter VOC (5.67 lbs. /gal.) excluding water &amp; exempt solvents.</p> <p>*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.</p>										
<b>VOC REGION</b>	<b>COMPLIANT</b>									
FEDERAL	YES									
OTC	YES									
OTCII	NO									
CARB	NO									
CARB07	NO									
UTAH	NO									
AZMC	YES									
SCAQMD	NO									
<b>Technical Assistance:</b>	<table border="0"> <tr> <td>– Dust Free</td> <td>10 – 15 Minutes</td> </tr> <tr> <td>– Light Sand</td> <td>20 – 30 Minutes</td> </tr> <tr> <td>– To Recoat</td> <td>20 – 30 Minutes</td> </tr> <tr> <td>– Air Dry Total Cure</td> <td>1 Week</td> </tr> </table> <p>*Inner coat time intervals are directly affected by wet film thickness and ambient conditions</p>		– Dust Free	10 – 15 Minutes	– Light Sand	20 – 30 Minutes	– To Recoat	20 – 30 Minutes	– Air Dry Total Cure	1 Week
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Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-877-299-3600 or visit <a href="http://www.lenmar-coatings.com">www.lenmar-coatings.com</a>										
	Dries By	Evaporation								
	Viscosity	70 – 80 KU								
	Flash Point	10 °F								
	Gloss / Sheen	See Tint Bases								
	Surface Temperature at Application	<table border="0"> <tr> <td>– Min.</td> <td>65 °F</td> </tr> <tr> <td>– Max.</td> <td>90 °F</td> </tr> </table>	– Min.	65 °F	– Max.	90 °F				
– Min.	65 °F									
– Max.	90 °F									
	Thin With	Not Necessary								
	Clean Up Thinner	1A-406 or 1A-519 Lacquer Thinner								
	Weight Per Gallon	8.6 lbs. +/- per lab specification								
	Storage Temperature	<table border="0"> <tr> <td>– Min.</td> <td>50 °F</td> </tr> <tr> <td>– Max.</td> <td>90 °F</td> </tr> </table>	– Min.	50 °F	– Max.	90 °F				
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– Max.	90 °F									
	<b>Volatile Organic Compounds (VOC)</b>									
	596 Grams/Liter	5.0 Lbs./Gallon								

May, 2022

◇ Reported values are for Tint Base/Gloss. Contact dealer/distributor for values of other bases or colors.

## Duralaq® Pigmented Lacquer Tint Base 1K02-47XX

### Surface Preparation

**New Wood:** Remove all dirt and wood dust. Sand and remove all sanding dust. Before finishing be certain the wood is dry. Seal/Prime wood in accordance with application directions specified by each primer/undercoat product.

**Old Wood:** Many old wood finishes have contaminants that may affect top coating with lacquer. Be certain to remove old finish completely and be certain the surface is free of all contamination. If a fish eye effect occurs a small amount of fish eye remover may be added to the lacquer.

**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](http://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.**

For best results apply a wet coat of 3-4 mils. This product is ready to spray and reduction is not necessary. Retarder may be used (3-4 oz. per gallon) to extend the open time during periods of high humidity and/or high temperatures.

**Airless Equipment:** Atomization pressure 1000-1500 psi, 0.005 Fine-finish Tip, 0.011 Regular Tip. Temperature 77 °F.

**Conventional Equipment:** Fluid Pressure 10-15 psi, Atomization pressure 30-40 psi. Temperature 77 °F.

AIR DRY OR MAY BE FORCE DRIED AT UP TO 140 °F.

**ENTIRE SYSTEM SHOULD NOT EXCEED 4 MILS DRY.**

### Finishing System

**Primer:** One coat White Lacquer Primer/Undercoat

**Topcoat:** Maximum two coats of DuraLaq® 1K02-47XX Lacquer.

### Clean Up

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

### Environmental Health & Safety Information

**DANGER!**

Harmful if swallowed

Causes skin irritation

Causes serious eye irritation

Suspected of causing 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 doctor/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](http://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**

**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.**