DURALAQ®
NITROCELLULOSE LACQUER
TINT BASE 1K02.47XX

Features
• Fast Drying  • Ready To Spray

General Description
The DuraLaq® 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:
N/A

— Tint Bases: Gloss
1K02-4774, Satin: 40 – 42 @ 60°
1K02-4776 Semi-Gloss: 60 – 65 @ 60°

— Special Colors:
N/A

Certification & Qualifications:
The products supported by this data sheet contain a maximum of 680 grams per liter VOC /VOS (5.67 lbs. /gal.) excluding water & exempt solvents.

Technical Data

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>Nitrocellulose</th>
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</thead>
<tbody>
<tr>
<td>Pigment Type</td>
<td>N/A</td>
</tr>
<tr>
<td>Weight Solids</td>
<td>45%</td>
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<tr>
<td>Volume Solids</td>
<td>31%</td>
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<tr>
<td>Coverage per Gallon at 1 mil DFT</td>
<td>400 - 550 sq. ft.</td>
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<tr>
<td>Recommended Film</td>
<td>Wet: 3 – 5 mils</td>
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<tr>
<td>Thickness</td>
<td>Dry: 0.9 – 1.2 mils</td>
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<tr>
<td>Dry Time @ 75 °F (23.8 °C) @ 50% RH</td>
<td>Dust Free: 10 – 15 Minutes</td>
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<td>Light Sand: 20 – 30 Minutes</td>
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<td></td>
<td>To Recoat: 20 – 30 Minutes</td>
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<tr>
<td></td>
<td>Air Dry Total Cure: 1 Week</td>
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<tr>
<td>Surface Temperature at Application</td>
<td>Min: 65 °F</td>
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<tr>
<td>Gloss / Sheen</td>
<td>See Tint Bases</td>
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<tr>
<td>Thin With</td>
<td>Not Necessary</td>
</tr>
<tr>
<td>Clean Up Thinner</td>
<td>1A.406 or 1A.519 Lacquer Thinner</td>
</tr>
<tr>
<td>Weight Per Gallon</td>
<td>8.6 lbs. +/- per lab specification</td>
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<tr>
<td>Storage Temperature</td>
<td>Min: 50 °F</td>
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<tr>
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<td>Max: 90 °F</td>
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</tbody>
</table>

Volatile Organic Compounds (VOC)
596 Grams/Liter  5.0 Lbs./Gallon

◊ 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.

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

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

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.