



Aqualac

R.J. McGlennon Co. Inc.
198 Utah Street
San Francisco, CA 94103

Product Line Information Sheet

Phone (415) 552-0311
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63 SERIES WATERBORNE LACQUER COLOR TOPCOATS

Description A high quality waterborne pigmented topcoat for general purpose interior use. The 63 Series waterborne lacquer topcoats apply easily, flow out well, and dry to a tough film with excellent build. A perfect companion product for QU-100 White Undercoat.

Specifications These are typical values only - see specific product data sheets for exact figures:

Weight per Gallon: 8.70-9.30 Coating VOC: 175-275 G/L 1.46-2.29 Lb/Gal
Solids by Weight %: 36.50-44.20 Material VOC: 75-100 G/L 0.63-0.83 Lb/Gal
Solids by Volume %: 29.10-32.50 VOC Weight Ratio = 0.189 LbVOC/Lb Solid
Coverage @ 1 Mil: 470-520 Sq.Ft./Gal
Gloss: 80



Surface Preparation 63 Series waterborne lacquer topcoat can be applied directly to clean, dry wood surfaces or QU-100 White Undercoat. (Note, QU-100 Undercoat may only be applied to bare wood. Do not apply QU-100 over any previously finished surface). Remove sanding dust, grease, oil, or other surface contaminants prior to application. No Maclac paint product has ever contained any lead. But if you are preparing previously painted surfaces with unknown paints please observe the following precautions. 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 NOISH-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 Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Mixing & Thinning 63 Series waterborne lacquer topcoat should be used as supplied. If lower viscosity is required, heating the material to 75° F is usually adequate and preferred over the addition of water, water may be used, but 5-10% maximum only is recommended.

Application & Dry Aqualac is easily applied with conventional, airless and HVLP spray equipment. One full wet coat usually produces an excellent finish. If more build is required, Aqualac should be lightly sanded prior to second application. Total dry film thickness should not exceed approximately 4-5 mils. The drying time for sanding or recoat under standard conditions is approximately 20 minutes. Lower temperatures and higher humidity may extend the dry time to 45 minutes. Below are general recommendations only. Users should contact equipment suppliers for more information.

LIMITED WARRANTY

The information contained herein is offered to assist customers in determining whether our products are suitable for their applications. We request that customers examine our products before use and satisfy themselves as to their suitability. We warrant that our products will meet our written specifications. Since application circumstances, substrate condition and product intermix are beyond our control, we cannot guarantee results under all possible situations. R.J. McGlennon Co. Inc. makes no representation as to the results the user will achieve.

Technical advice furnished by seller or any seller's agents shall not constitute a warranty. Any liability arising out of any condition resulting from the use of any R.J. McGlennon Co. Inc. product shall be limited to replacement of such product.

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Application Equipment:

Conventional

Pressure pot or siphon: 40-50 psi atomizing pressure with 5-10 psi pot pressure.

H.V.L.P.

Binks Mach I: Use #95 air cap with #91 tip at 70-80 psi atomizing pressure and 10-15 psi fluid pressure. (Verify proper fluid pressure visually by turning atomizing air off and confirming the fluid stream will travel to no more than 2 feet).

Graco Optimizer:

Use 0.20 to 0.55 air cap, 0.55 tip at 70-80psi atomizing pressure and 10-15psi fluid pressure. (Verify proper fluid pressure visually by turning atomizing air off and confirming the fluid stream will travel to no more than 2 feet).

Airless

Graco Contractor Gun: Use 0.09, 0.11, 0.13 (9, 11 or 13) tip with 1800-2200 lbs fluid pressure. Use 100 mesh filter in gun only (no other fine filters or guns are recommended as they have a tendency to bubble the waterborne materials).

Air-Assisted Airless

Binks Mach II with Gemini Pump: Use 0.11, 0.13 (11 or 13) tip with 70-90 lbs fluid pressure and 40-50 psi atomizing air.

Binks Mach II 41-11382 with Comet 3-C S.S. Pump: Use 0.09, 0.11, 0.13 (9, 11 or 13) tip with 800-900 lbs fluid pressure and 50 psi atomizing air.

Turbine Unit

Generally Turbine Type spray units are ***not recommended*** for spraying waterborne lacquers because they do not supply enough atomizing air to break-up the lacquer properly.

Performance & Durability

Aqualac forms a very durable interior finish with an excellent balance of flexibility, hardness and mild household cleaner resistance. Aqualac is not intended for exterior exposures. Aqualac is non-yellowing and is cold check resistant when applied as recommended.

Environmental & Safe Handling

Aqualac is non-flammable and the dried film is non-toxic. Use only with adequate ventilation. Dispose of in accordance with all applicable regulations. Clean-up can usually be accomplished with water or a water-detergent combination. See material safety data sheet titled "63MSD Aqualac Lacquer Colors " for more details.

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