

GOUDEY

Stain · Lacquer · Finishing Supplies | 1943



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HYDROLAC Quick Dry Series WATER-BASED LACQUER

PRODUCT CODES

WBLQD 10	FLAT
WBLQD 20	EGG SHELL
WBLQD 30	SATIN
WBLQD 50	SEMI-GLOSS
WBLQD 90	GLOSS

SIZES

4L, 20L

Goudey's clear, self-sealing, single component water-based acrylic **HYDROLAC** lacquers are designed for interior use on furniture, cabinetry and millwork where fast dry times are essential. The use of advanced polymer resins and HAPs-free solvents enables these ultra low VOC lacquers to be extremely fast drying and feature excellent clarity, hardness and chemical resistance.

PRODUCT ADVANTAGES

- Extremely Fast Drying
- High Solids content
- Ultra-Low VOC
- HAPs-Free
- Greater Coverage
- Excellent Clarity
- Superior chemical resistance
- Excellent Surface hardness
- Outstanding durability
- Meets KCMA test requirements
- Non-hazardous/Non-flammable

APPROVED COMPANION PRODUCTS	COATING PROPERTIES		DRY TIMES	
WB Series Water-Based Wiping Stains	Viscosity @25°C Zahn #2	30-35 sec	Air Dry	
W Series Wiping Stains	Solids Content(wt.)	38%	To Touch	10 mins
D Series Non Grain Raising Stains	Solids Content(vol.)	26%	To Handle	30 mins
850 Vinyl Sanding Sealer	Theoretical Coverage	520 sq. ft./gal	To Sand/recoat	2 hours
	Specific Gravity	1.03-1.04 gr/cm ³	Force Dry	
	VOC (coating)	200 g/l	Flash	8 mins
	VOC (material)	68 g/l	Bake	30 mins
	Dry Film Thickness	2 mils per coat	Cool Down	10 mins
	Shelf Life	12 months		
	Storage	Must be kept at the range of 5°C to 30°C		
NOTE: Freezing or storage out of range in temperatures can affect the viscosity on the average particle size leading to a sedimentation or coagulation.				

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

New Wood:

1. Remove dirt, grease, glue or other contaminants.
2. Ideal substrate moisture content is 7-9%.
3. Sand wood with 150/180 grit sandpaper. Do not use steel wool.
4. Only stain with Goudey solvent, water or alcohol based wiping or spraying stains.

Old Wood:

1. Strip old finishes completely and remove all surface contaminants.
2. Make sure surface is dry, sand as required, then follow new wood instructions.

MIXING

1. QUICK DRY WBL Lacquers do NOT require catalyst. Adding catalyst may cause cracking, haziness, gloss issues and will affect the integrity of the film build.
2. Mix thoroughly by hand or mechanical agitation BEFORE using in order to obtain accurate gloss.
3. QUICK DRY WBL Lacquers are ready-to-spray, however, they may be thinned 10-20% with distilled water as a Lacquer Reducer if desired.

APPLICATION

The customer is responsible for following the recommended application procedures. Failure to do so will likely result in unsatisfactory product performance. Always test the complete coating system **prior** to the start up of production.

1. Colour

Stain as desired and dry thoroughly.

2. Seal

For a clear coat finish, seal with Goudey 850 Vinyl Sanding Sealer or with itself as a stand-

alone production finish. Spray a full wet coat and let dry for 4 hours.

3. Sand

Sand with 320-400 grit sandpaper and remove dust.

4. Topcoat

Spray a full wet coat of QUICK DRY WATER-BASED LACQUER at 3 mils wet and should NOT exceed 2 dry film thickness (DFT) per coat.

5. Build

For more build apply 1-2 additional coats and do NOT exceed 4.0 mils DFT for the total system (exceeding can cause haze). QUICK DRY WBL Lacquer can be re-coated after 1 hour. If re-coating after eight hours, a light scuff sanding is recommended to ensure good inter-coat adhesion. No more than two coats should be applied in one day, allowing for proper setting to take place. Full cure takes place in 7 days.

Note: Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Application and drying conditions must be at temperatures of 64°F/18°C or higher and at a humidity of less than 65%. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

PRECAUTIONS

Equipment

QUICK DRY WBL Lacquer may be applied using most common spray processes, with the exception of air-assist and airless. Hot spray systems are not advised due to the catalytic nature of the material.

Starting point settings are as follows:

Conventional Siphon:

Atomizing Air	45 to 55 psi
Needle	30 to 50%

Conventional Pressure Pot:

Atomizing Air	40 to 50 psi
Pot Air	7 to 12 psi
Needle	20 to 30%

Conventional HVLP:

Atomizing Air	55 to 60 psi
Pot Air	7 to 12 psi
Needle	20 to 30%

Turbine HVLP:

Atomizing Air	75 to 100 psi
Pot Air	7 to 120 psi
Needle	50 to 70%

Air Assist Airless: Not Recommended

Airless: Not Recommended

Containers

QUICK DRY WBL Lacquers are non-flammable. These lacquers are supplied in plastic containers.

Clean Up

Equipment coated with or containing QUICK DRY WBL should be cleaned immediately after use if it is not going to be used again within two hours. Clean out with soap and distilled water when wet and with Goudey 783 solvent when dried. If leaving equipment for only short periods of time, ensure that all lines remain charged while not in use.

Care and cleaning of this finish

Use a mild dishwashing liquid and a damp cloth to remove food, grease, and other residue. Wipe dry. Do not use cleaners that contain ammonia, bleach, or abrasives as this may damage the finish.

DISCLAIMER These products are designed **for industrial use only**. Goudey views safety as a top priority. Please refer to the Safety Data Sheet for information on the safe use of this product. Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.