

## PRE-CATALYZED LACQUER

# CataLuxe™ WC

## WATER CLEAR HIGH-BUILD PRE-CATALYZED LACQUER

Product Code: **651820**

CataLuxe™ WC is a water clear high solids, high build pre-catalyzed lacquer ideal for interior wood surfaces.

### Ideal for

- Furniture
- Doors & Millwork
- Cabinetry & Caseworks
- Interior Wood Work
  
- Exceeds KCMA performance tests
- Federal AIM compliant at >680 g/l VOC
- NESHAP compliant—JJ (furniture)
- NESHAP compliant—QQQQ (doors & windows)

### Benefits

- Exceptional abrasion resistance
- Excellent water and chemical resistance
- Excellent mar resistance
- Non-yellowing
- High build
- Excellent flow and leveling
- Easy sand
- Superior blush resistance

## APPLICATION DATA

**SURFACE PREPARATION:** “White sand” wood with maximum 150 grit aluminum oxide sandpaper. Remove all sanding dust. Keep free of dirt, grease, silicone oils, lubricants and other contaminants.

**APPLICATION EQUIPMENT:** This product is designed for spray application through all types of application equipment.

**THINNING:** No thinning required. This product is designed to spray at package viscosity with all application equipment. If thinning is desired, use Rudd 650870 Premium Lacquer Thinner or Rudd 651393 No-HAP Lacquer Thinner. For additional open time use Rudd 650921 Retarder as needed.

*Caution: Thinning with solvents will reduce film build and increase VOCs (unless using Acetone). Note: Thinning requirements may vary with changes in temperature and spray room conditions.*

**AGITATION:** This product must be kept under slow, constant agitation, to ensure proper mixing and to prevent sheen variations.

**CLEAN UP:** Use lacquer thinner.

## FINISHING SYSTEM

**STAIN:** When staining wood, use Rudd ColorTools™ Dye Stains, ColorTools™ Spray Only Stain, or ColorTools™ Wiping Stain.

**SEAL:** Apply one coat (3 -4 mils wet) of CataLuxe WC PreCat Clear Lacquer as it's own sealer OR select one of Rudd's Clear Lacquer Sealers. Allow to dry 30 minutes\*, sand with 220/320 grit silicon carbide sandpaper before finishing.

**FINISH:** Apply two coats (4—6 mils wet) of CataLuxe WC PreCat Clear Lacquer. Allow 30 minutes\* dry time and sand with 220/320 grit silicon carbide sandpaper between coats.

If desired, additional coats may be applied up to a total dry film of 5.0 dry mils.

\*Dry times will vary with film thickness, temperature, humidity and air movement.

## SAFETY PRECAUTIONS

Avoid breathing vapors, use a NIOSH approved cartridge respirator. Use pre-filters to avoid breathing spray particles or sanding dust.

**Flammable Liquid and Vapor:** Keep away from heat, sparks and flame. Ensure adequate ventilation during use.

Read Material Safety Data Sheet and label before using.

## KCMA FINISH TEST

|                   |   |
|-------------------|---|
| Vinegar           | No Visual Effect  |
| Lemon Juice       | No Visual Effect  |
| Orange Juice      | No Visual Effect  |
| Grape Juice       | No Visual Effect  |
| Catsup            | No Visual Effect  |
| Olive Oil         | No Visual Effect  |
| 100 Proof Alcohol | No Visual Effect  |
| Coffee            | No Visual Effect  |
| Water Ring        | Slight marking at 190°F after 30 minutes                                |
| Edge Soak         | Passed 24 hr KCMA test with no softening, discoloration or film defects |

\*\*\* Contact your Sales Representative for available stock sheens and package sizes.\*\*\*

## SPECIFICATIONS

|                                    |   |
|------------------------------------|---|
| Coverage                           | 375 square feet per gallon @ 1 mil dry film thickness |
| Viscosity                          | 27-30 seconds (#2 Zahn Cup @ 77° F)                   |
| Sag Resistance                     | 4 mils vertical @ 65–70° F                            |
| Solids*                            | 29.8.3–31.5% by weight<br>2.35–2.51 lbs per gallon    |
| VOCs* (Volatile Organic Compounds) | Calculated: 5.35–5.44 lb/gal<br>642–653 g/l           |
| HAPs* (Hazardous Air Pollutants)   | Pounds HAP per Pounds Solid: 0.001                    |
| Dry to Sand                        | 30 minutes @ 65–70° F                                 |
| Block Free                         | 8 hours @ 65–70° F                                    |

\*Variations depend on gloss

CAUTION: Thinning will reduce film build and increase VOCs.

## APPLICATION PRECAUTIONS

- CataLuxe WC Pre-Catalyzed Lacquer has a limited shelf life of approximately 6 months from date of manufacture.
- Usability and performance may not be determined from viscosity. Shelf life will vary with storage conditions.
- Do not use CataLuxe WC Clear PreCat Lacquer as a topcoat over stearedated sanding sealers.
- Do not use CataLuxe WC Clear PreCat Lacquer in heated spray equipment.
- This product is not recommended for exterior use.
- Clear finishes will not prevent natural (unstained) wood from changing color over time.
- Finish, substrate and curing temperatures should remain above 60° F, extremes of temperature and humidity may affect product performance.
- Total film build of system must not exceed 5.0 dry mils.
- This product has been tested on a limited number of substrates and over a limited number of coatings. The user is responsible for testing suitability and performance for their specific application.
- Designed for professional use by spray application only.

### Shipping & Storage Information

**Flash Point:** -4° F Pensky-Martin

**OSHA Flammability Class:** Flammable Liquid—Class IB

**DOT Class:** Paint, 3, UN 1263, PG II



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