



# Renaissance

**Hybrid Waterborne Alkyd Finish, Low Gloss (GL4)  
03453**



## COMPLIANCE INDICATORS

at 08/25/2015

E.C. VOC Cat 52



## DESCRIPTION

A premium quality interior /exterior hybrid waterborne alkyd enamel that provides the toughness and durability of alkyd or oil-based paints but in a low VOC, water-based formulation. This satin gloss product offers good flow and levelling performance combined with good sag resistance for easy application by brush, roller or spray. Excellent water and abrasion resistance to withstand repeated scrubbing and wear and tear. Good adhesion, coverage and weather resistance make this the ideal replacement product for the older oil-based alkyd enamels.

## RECOMMENDED USES

- Ideal for properly prepared and primed interior or exterior wood trim, doors, mouldings, drywall, cabinets, railings, facias, soffits
- Suitable for primed ferrous and primed non-ferrous metal substrates including railings, shutters, gutters, downpipes
- Also suitable for fibreglass and other engineered wood or composite surfaces

## FEATURES

- Toughness and durability of alkyd or oil-based paint
- Good sag resistance for easy application by brush, roller or spray
- Excellent water and abrasion resistance
- Good adhesion, coverage and weather resistance
- Melamine gloss to match the sheen level of laminate drawers and cabinet fronts as well as counter tops

## TECHNICAL CHARACTERISTICS

| Bases                | VOC(g/L)* |
|----------------------|-----------|
| White Base (03453)   | < 50      |
| Deep Base (03451)    | < 50      |
| Neutral Base (03454) | < 50      |

\*Before thinning and the addition of colorants

## TINTING TYPE

Zero VOC or Universal Tinting Colourant

## FINISH

Gloss Category: Gloss Level 4 - Low Gloss Finish

Gloss: 30-35 units at 60 degree angle

Sheen: 45-55 units at 85 degree angle

## SOLIDS & DENSITY

Volume: 45%

Weight: 59%

Density: 10.34lbs per gallon. Container extra

## FILM THICKNESS (PER COAT)

Wet: 3.2 - 4.5 mils (80 - 110 microns)

Dry: 1.25 - 1.75 mils (32 - 44 microns)

## THEORETICAL COVERAGE (PER COAT):

350 - 500 ft<sup>2</sup> per gallon (8.6 - 12.3 m<sup>2</sup>/L)

## VISCOSITY

90 - 95 KU

## DRYING TIME

at 25°C (77°F) and 50% Relative Humidity

Tack Free: 1 hour

Re-Coat: 6 hours\*

*\*Depending on film thickness, tint load and ambient conditions, this product may take 7-10 days to reach final hardness and, in the case of Clear/Neutral Base Colours, can take up to 30 days. Avoid exposing the coating to excessive abrasion or impact during this period.*

## REDUCERS

Not normally recommended, sparingly with water for spray applications

## CLEAN UP

Warm, soapy water.

## SHELF LIFE

3 year maximum, unopened

## STORAGE TEMPERATURE

4°C (40°F) - 32°C (90°F) Keep from freezing





## SURFACE PREPARATION

**Surface preparation is important.** All surfaces must be smooth, clean, dry, free of mildew, grease, soap film, sanding dust or other contaminants. Remove all loose or peeling material from previously-painted surfaces. Wash all surfaces with a solution of 3 tablespoons of (Phosphate-free) TSP in a gallon of warm water. Rinse thoroughly, allow to dry and then scuff sand using 80-120 grit sandpaper on a hand sander. Remove all sanding dust. Do not apply at temperatures below 10°C (50°F).

**WARNING!** If you scrape, sand or remove old lead paint from any surface 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. Carefully clean up with a wet mop or HEPA vacuum. For additional information, Canadian customers contact the Product Safety division of Health Canada at 1-800-O-CANADA, US customers contact the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323).

**New or Bare Wood (Exterior):** Sand or chemically remove mill glaze to expose fresh wood cells prior to applying paint or stain. Woods known to contain soluble stains, such as tannins in cedar and redwood must be primed with Cloverdale Paint 15130 or 05130 Stain-Blocking primers. Near grade level deck boards subject to high moisture levels must be protected by sealing from moisture exposure on all six sides of the deck board, including the ends.

## RECOMMENDED PRIMERS

**Pre-Painted Surfaces:** Self-Priming on properly-prepared pre-painted surfaces. Wash with a solution of 3 tablespoons of (Phosphate-free) TSP in a gallon of warm water. Rinse thoroughly, allow to dry, and then scuff sand using 80 to 120 grit sandpaper on a hand sander. Remove all sanding dust.

**New or Bare Wood:** Use Cloverdale Exterior Alkyd (15130) or Acrylic (05130).

**Masonry:** Self-priming or Cloverdale Latex Block Filler (05700).

**Ferrous Metals (Steel, Iron):** Use a suitable anti-corrosive primer such as Cloverdale 703-Series water-based or 710-Series Solvent-based Rustex primer.

**Non-Ferrous Metals (Aluminum):** Use a suitable bonding primer.

## Application Equipment

**Brush:** Use a polyester brush

**Roller:** Use a flocked foam cover

**HVLP Spray:** 10psi cap pressure - 1.3 needle set

**Airless Spray:** Pressure 1500-2000 psi, Tip .011" - .013"

## SAFETY PRECAUTIONS

*For detailed information please refer to SDS*

### Warning

Keep from freezing. Close container after each use. Keep out of reach of children. Do not take internally.

**First Aid:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes. Wash contaminated skin with soap and water. If ingested, call physician or the Poison Control Centre immediately.

### LIMITATIONS

**Exterior Application:** Do not apply when the Relative Humidity is above 85% or if temperatures are forecast to drop below 10C (50F) within 4 hours of application.

## READ LABEL AND SAFETY DATA SHEET PRIOR TO USE.

### Recent Amendments

Check for recent amendments to this data sheet at [www.cloverdalepaint.com](http://www.cloverdalepaint.com)

**Last Modification date:** 08/22/2019

### LIMITATION OF LIABILITY

To the best of our knowledge, the technical data contained herein are true and accurate at the time of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. All technical advice, recommendations and services regarding this product are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable and are intended for use by persons having skill and know-how, at their discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from this product use by Buyer whether as recommended herein or otherwise. Such recommendations, technical advice or services are not to be taken as a license to operate under or suggest infringement of any patent.

### WARRANTY

Cloverdale Paint Inc. warrants its products to be free from defects in material and workmanship. At its option, Cloverdale Paint Inc. will either replace products not conforming to this warranty or credit the Buyer's account the invoiced amount for the non-conforming products. This is Cloverdale Paint Inc.'s sole obligation and Buyer's exclusive remedy in connection with the products. In no event shall Cloverdale Paint Inc. be liable for special, indirect, consequential or incidental damages.

By purchasing this product the Buyer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the Buyer or implied by any applicable law.

Any claim under this warranty must be made in writing by the Buyer to Cloverdale Paint Inc. within ten (10) days of discovery of the claimed non-conformance, but in no event later than one (1) year from the delivery date. The Buyer's failure to notify Cloverdale Paint Inc. of such non-conformance as required herein shall bar the Buyer from recovery under this warranty.

