

**Emerald®**

Urethane Trim Enamel Interior-Exterior Waterbased Gloss  
(US) K39-1750 Series, (Canada) K39Q-8850 Series



**SHERWIN  
WILLIAMS®**

**CHARACTERISTICS**

**Emerald Urethane Trim Enamel** is a waterbased "Best-In-Class" quality interior-exterior enamel formulated with a urethane modified alkyd resin system for premium quality and performance. It delivers the look, feel and durability of an oil based enamel with the convenience of a waterbased formula. Excellent flow and leveling, gloss and color retention when applied to interior-exterior surfaces such as properly prepared drywall, wood, masonry and metal.

**Color:** Many Colors

To optimize hide and color development, always use the recommended P-Shade primer

**Coverage:** 8.6-9.8 sq. meters per litre  
350-400 sq. ft. per gallon  
@ 4 mils wet;  
1.3 mils dry

**Drying Time, @ 77°F (25°C), 50% RH:**

Touch: 2 Hours

Recoat: 4 Hours

Drying and recoat times are temperature, humidity, and film thickness dependent

**Finish:** 65+ units @ 60°

**Tinting with CCE only:**

| Base:           | oz. per gallon: | Strength: |
|-----------------|-----------------|-----------|
| High Hide White | 0-6             | SherColor |
| Deep Base       | 4-14            | SherColor |
| Ultradeep Base  | 10-14           | SherColor |

**High Hide White K39W01751**

(may vary by color)

**V.O.C. (less exempt solvents):**

less than 50 grams per litre; 0.42 lbs. per gallon  
As per 40 CFR 59.406

**Volume Solids:** 32 ± 2%

**Weight Solids:** 49 ± 2%

**Weight per Gallon:** 10.68 lbs (4.84 kg)

**Flash Point:** NA

**Vehicle Type:** Urethane modified alkyd

**Shelf Life:** 36 months unopened

**COMPLIANCE**

As of 08/26/2021, Complies with:

|                            |     |
|----------------------------|-----|
| OTC                        | Yes |
| OTC Phase II               | Yes |
| S.C.A.Q.M.D.               | Yes |
| CARB                       | Yes |
| CARB SCM 2007              | Yes |
| CARB SCM 2020              | Yes |
| Canada                     | Yes |
| LEED® v4 & v4.1 Emissions  | No  |
| LEED® v4 & v4.1 V.O.C.     | Yes |
| EPD-NSF® Certified         | No  |
| MIR-Manufacturer Inventory | No  |
| MPI®                       | Yes |

**APPLICATION**

Apply at temperatures above 50°F (10°C). No reduction needed.

**Brush:**

Use a nylon-polyester brush.

**Roller:**

Use a 1/4 to 1/2 inch nap woven cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide on [sherwin-williams.com](http://sherwin-williams.com).

**Spray—Airless**

Pressure 2000 p.s.i.

Tip .013-.017 inch

**HVLP System:** Graco® HVLP 9.5, number 3 or 4 needle and cap, two-thirds air pressure, number 5 material setting. Single turbine, no reduction. Or equivalent.

**APPLICATION TIPS**

Make sure product is completely agitated (mechanically or manually) before use.

**SPECIFICATIONS**

**Interior**

**Drywall:**

1 coat ProMar 200 Zero V.O.C Primer  
2 coats Emerald Urethane Trim Enamel

**Plaster:**

1 coat Loxon Concrete and Masonry Primer  
2 coats Emerald Urethane Trim Enamel

**Wood:**

1 coat Premium Wall and Wood Primer  
2 coats Emerald Urethane Trim Enamel

**Interior and Exterior**

**Aluminum, Galvanized & Steel:**

1 coat All Surface Enamel Latex Primer  
2 coats Emerald Urethane Trim Enamel

**Block:**

1 coat Loxon Acrylic Block Surfacer  
2 coats Emerald Urethane Trim Enamel

**Masonry, Cement, Stucco:**

1 coat Loxon Concrete and Masonry Primer  
2 coats Emerald Urethane Trim Enamel

**Exterior**

**Wood, Composition Board:**

1 coat Exterior Oil-Based Wood Primer

or

1 coat Exterior Latex Wood Primer

2 coats Emerald Urethane Trim Enamel

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Aluminum and Galvanized Steel:**

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, wire brush, or other abrading method.

**Caulking:**

Gaps between walls, ceilings, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.

**Concrete Block:**

All new surfaces must be cured according to recommendations—usually about 30 days. Rough surfaces can be filled with Loxon Block Surfacer to provide a smooth surface. The filler must be thoroughly dry before topcoating.

**Drywall:**

Fill cracks and holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

**Masonry, Concrete, Cement:**

All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer.

**SURFACE PREPARATION****Mildew:**

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

**Steel:**

Rust and mill scale must be removed using sandpaper, wire brush, or other abrading method. Bare steel must be primed the same day as cleaned.

**Stucco:**

Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 7 days and prime with Loxon Concrete & Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.

**Plaster:**

Must be cured, usually 30 days, and hard. If painting cannot wait, allow the surface to dry 7 days and prime with Loxon Concrete and Masonry Primer. Soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with water and allow to dry before painting.

**Wood, Plywood, Composition Board:**

Clean the surface thoroughly then sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed. Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. If applied to these bare woods, it may show some staining.

**Exterior:** If staining persists, spot prime severe areas with 1 coat of Exterior Oil-Based Wood Primer prior to using.

**Interior:** If staining persists, spot prime severe areas with 1 coat of Multi-Purpose Oil-Based Primer

**CAUTIONS**

Protect from freezing.  
Non-photochemically reactive.

For exterior use on doors, trim, and other small areas of wood or metal. Do not use on the main body of exterior structures.

Before using, carefully read **CAUTIONS on label**

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

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**CLEANUP INFORMATION**

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.