



# GLYPTEX™ EGGSHELL Interior Alkyd Enamel

**439**

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**GLYPTEX EGGSHELL Interior Alkyd Enamel No. 439** is a superior, interior, long oil, low semi-gloss, alkyd enamel finish for application to properly prepared and primed wood, metal, plaster, concrete, masonry and wallboard. Use for wood or metal trim, doors, walls, furniture, toys, shelving, radiators, machinery and equipment, structural steel, or anywhere a high quality, low semi-gloss sheen alkyd enamel is desired.

USED FOR	FEATURES
<ul style="list-style-type: none"> <li>• Iron</li> <li>• Steel</li> <li>• Aluminum</li> <li>• Dry wall</li> <li>• Plaster</li> <li>• Wood</li> <li>• Masonry</li> </ul>	<ul style="list-style-type: none"> <li>• Beautiful, low semi-gloss sheen</li> <li>• Durable</li> <li>• Abrasion resistant</li> <li>• High hiding</li> <li>• Non-yellowing</li> <li>• Easy to apply</li> </ul>

### RECOMMENDED SYSTEMS

GLYPTEX EGGSHELL Interior Alkyd Enamel No. 439 series can be used over a wide variety of architectural and light industrial primers. **Finish the following primed surfaces with one or two coats of GLYPTEX EGGSHELL Interior Alkyd Enamel No. 439 series:**

SUBSTRATE	TYPICAL PRIMER*
<b>Aluminum:</b>	286, 296, self-prime
<b>Galvanized Metal:</b>	212/215, 299
<b>Iron:</b>	212/215, 286, 296, 299
<b>Steel:</b>	212/215, 286, 296, 299
<b>Drywall, Plaster:</b>	135, 767, 1129
<b>Repaint:</b>	135, 1129, self-prime
<b>Wood, interior:</b>	135, 1129, 6064
<b>Masonry**</b>	
<b>Brick:</b>	335, 767, 1129
<b>Concrete Block (CMU):</b>	896, 9203
<b>Concrete:</b>	335, 767, 1129

\*NOTE: For "self-prime," thin product 10-20% as appropriate for the substrate.  
 \*\*NOTE: Application of alkyd paints on concrete and masonry where moisture is constantly present, is not recommended.

### LIMITATIONS

Do not apply when air or surface temperature is below 35°F or above 110°F. Surface temperature must be at least 5°F above dew point. Use for service below 180°F. Expect slower drying in cool, humid weather and when thick films are applied. **For interior use only.**

### TECHNICAL DATA

**Data below is based on Pastel base.**

**Product Type:** Alkyd

**Bases/Colors:** 445 Pastel base 134 Super White  
 439 Light base 451 Black  
 440 Deep base  
 444 UD base

**Gloss, Initial, 60°:** Semi-gloss (Typical range: 39 - 45)  
*Note: GLYPTEX EGGSHELL gloss will die down over time to a very low semi-gloss or satin sheen.*

**Reflectance:** 96 ± 1%

**Percent Solids:**

**Weight:** 73 ± 2%

**Volume:** 52 ± 2%

**PVC:** 32 ± 2%

**Weight/Gallon:** 11.5 lb

**Viscosity (Initial):** 88 - 93 Krebs Units

**Thinner: Brush/Roller/Spray:**  
 Thinning is not required under normal environmental and application conditions. If necessary, thin up to 1 ounce per gallon with Porter Paint Thinner No. 5132. *Note: This amount of thinning meets the 380 g/l VOC limit.*

**Clean-up:** Porter Paint Thinner No. 5132.

**Recommended Film Thickness:**

**Wet:** 3.2 mils

**Dry:** 1.7 mils

**Spread Rate (Theoretical):**

**Smooth Surfaces:** Up to 500 sq. ft./gal.

**Rough Surfaces:** 250-300 sq. ft./gal.

**Dry time (70°F @ 50% R.H.):**

**To Touch:** 4-6 hours

**To Recoat:** 24 hours

**Full Service:** 7-14 days

(Expect longer dry times at lower temperatures and higher relative humidity.)

**Flash Point:** 120°F (49°C)

**Flame Spread Rating:** Class A (0-25)  
*(See Porter Technical Bulletin No. 9: Flame Spread Rating.)*

**Federal Specification Crossover:** TT-E-508; TT-E-509; TT-E-529  
*(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)*

### REGULATORY DATA

Voc based on Pastel base. See labels for other bases.

**VOC (theoretical):**

    As supplied (untinted): 3.10 lb/gal (371 g/l)

    When thinned to maximum: 3.16 lb/gal (379 g/l)

## SURFACE PREPARATION

Paint only clean, dry, deglossed and profiled (blasted, scarified or chemical treated) surfaces. Remove dirt, oils, grease, wax, sanding dust, paint remover, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, Soilax and water, Porter Paint Thinner No. 5132 or other appropriate cleaners per SSPC-SP 1 cleaning procedures. Sand glossy surfaces til dull. Remove loose paint, mill scale, rust, etc. by Hand Tool Cleaning (SSPC-SP 2), Power Tool Cleaning (SSPC-SP 3), Sweep Blast Cleaning (SSPC-SP 7) or Abrasive Blast Cleaning (SSPC-SP 6) as appropriate. Treat bare galvanized surfaces with Galvaprep® 5. For mild service, treat bare iron or steel and rust with Metalprep® 79 (also clean other metals with Metalprep 79 prior to painting or as a pre-cleaner prior to other chemical treatment). Treat aluminum with Alumiprep® 33.

**Concrete, masonry, plaster:** For best performance, new plaster, concrete and masonry should cure 28 days, and moisture content should be below 12% before painting. *NOTE: Test plaster for water absorption prior to painting (paint will not adhere if water does not wet out the surface and absorb into the plaster). If necessary, sand or acid etch with Metalprep 79 diluted 5 parts water to 1 Metalprep 79.*

Fill cracks and holes in wood, drywall, plaster and masonry with appropriate patching compounds or fillers, then texture to surrounding area or sand level and smooth as required before painting. **Prime all bare substrates (See RECOMMENDED SYSTEMS before finishing with GLYPTEX EGGSHELL Interior Alkyd Enamel No. 439 series.**

## INSTRUCTIONS FOR USE

**Tinting:** Tint with Porter DESIGN SPECTRUM® Colorants per label instructions. (*NOTE: Colorant addition may extend the drying time, particularly at the higher addition levels.*) For XD base colors, use the Ultra Deep base and add 2 ounces/gallon of VV colorant to the XD base tint formula.

**Mixing:** Stir or shake thoroughly before application.

**Thinning:** If necessary, thin sparingly with Porter Paint Thinner No. 5132 up to ½ pint (8 oz.) per gallon with Porter Paint Thinner No. 5132.

**Clean-up:** Clean tools and spray equipment immediately after use with Porter Paint Thinner No. 5132.

**Application:**

<b>Conditions:</b>	<b>Temperature Range:</b>	35°F to 110°F (air, surface, paint) (Optimum paint temperature 65-80°F)
	<b>Dew Point:</b>	Surface temperature must be at least 5°F above the dew point.
	<b>Relative Humidity:</b>	Maximum 85%
<b>Equipment:</b>	<b>Brushes:</b>	Use nylon/polyester or china bristle brushes.
	<b>Rollers:</b>	Use polyester or lambswool roller covers.
	<b>Airless Spray:</b>	Minimum 28:1 ratio pump; .013"-.015" tip; 1800-2400 psi; ¼" ID high pressure material hose.
	<b>Conventional Spray:</b>	DeVilbiss MBC-510 gun; E tip; 704 Air Cap; 3/8" ID material hose; double regulated pressure tank with oil and moisture separator.
<b>Directions:</b>	<b>New Work:</b>	Apply the appropriate selected primer (see Recommended Systems) per label directions. Finish with one or more coats of GLYPTEX EGGSHELL Interior Alkyd Enamel No. 439 series.
	<b>Repaint:</b>	Spot prime bare areas as necessary with an appropriate primer, then apply one or more coats of GLYPTEX EGGSHELL Interior Alkyd Enamel No. 439 series.

**Washing Instructions:** Protect the finish from abuse and contamination until well cured, at least 14 days. Try to avoid washing the finish for 2-4 weeks. For large areas, wash with a soft sponge and a solution of Soilax or TSP. For marks, pencil, etc., clean with a damp sponge and powdered cleanser being careful not to scratch the surface. For grease and oils, clean with PORTERPREP Heavy Duty Cleaner No. 571, Porter Thinner No. 5132 or mineral spirits.

## PRECAUTIONS

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

## SHIPPING

**Freight Classification:** PAINT OR PAINT RELATED MATERIAL

**Packaging:** 6 quarts per carton; 4 gallons per carton

**Shipping Weights:** 3.2 lb/qt (19.4 lb/carton); 12.3 lb/gal (50.1 lb/carton)



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