

PORTER®

P A I N T S

GLYPTEX™ Urethane Gloss Enamel

4139

GLYPTEX Urethane Gloss Enamel No. 4139 is a superior, interior/exterior, urethane modified, medium oil, high gloss alkyd enamel finish for application to properly prepared and primed wood, metal, plaster, concrete and wallboard. Use for wood or metal trim, doors, floors, interior walls, furniture, shelving, piping, machinery and equipment, structural steel, boats, toys or anywhere a high gloss enamel is indicated.

USED FOR

- Iron
- Steel
- Aluminum
- Dry wall
- Plaster
- Wood
- Masonry

FEATURES

- High gloss
- Durable
- Abrasion resistant
- High hiding
- Weather resistant
- Easy to apply
- Non-yellowing

RECOMMENDED SYSTEMS

GLYPTEX Urethane Gloss Enamel No. 4139 can be used over a wide variety of architectural and light industrial primers. **Finish the following primed surfaces with one or two coats of PORTER GUARD Urethane Gloss Enamel No. 4139 series:**

SUBSTRATE**Aluminum:****TYPICAL PRIMER***

272/276, 286, 296, self-prime

Galvanized Metal:

212/215, 299

Iron & Steel:

212/215, 272/276, 286, 296, 299

Drywall, Plaster:

135, 867, 1129

Repaint:

1129, 515, 898, self-prime

Wood, interior:

135, 1129, 6064

, exterior:

335, 515, 565, 74130

Interior Masonry (NOTE: Application of alkyd paints on exterior masonry, or on interior masonry where moisture is constantly present, is not recommended.)

Brick:

867, 1129

Concrete Block (CMU):

896, 6223, 9203

Concrete:

867, 1129

Concrete Floors:

Self-prime

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. Expect slower drying in cool, humid weather and when thick films are applied. Do not use No. 4119 Cardinal Red or 4144 UD Base on floors. For best results, allow new concrete floors to cure three months before painting. Do not apply to on-grade concrete floors that do not have a vapor barrier under them or wherever water will puddle and stand for extended periods of time. Use for service below 200°F.

TECHNICAL DATA

Data below is based on White base.

Product Type: Alkyd**Bases/Colors:**
4110 White 4114 Yellow
4139 Light base 4119 Cardinal Red
4140 Deep base 4123 Medium Brown
4144 UD base 4124 Black
 4133 Medium Green
 4135 Spanish Blue**Gloss, 60°:**

Special order - 34078 Belle Mead Green

Reflectance:

High Gloss (Typical range: 83 - 89)

Percent Solids:

89 ± 1%

Weight:

70 ± 2%

Volume:

54 ± 2%

PVC:

18 ± 2%

Weight/Gallon:

10.4 lb

Viscosity (Initial):

71 - 76 Krebs Units

Thinner:

Thinning is not required under normal environmental and application conditions.

Brush/Roller/Spray: If necessary, thin up to 6 ounces per gallon with Porter Paint Thinner No. 5132.**Floors:**

Thin the first coat of 4139 series with up to 6 ounces per gallon of Porter Paint Thinner No. 5132.

Clean-up:

Porter Paint Thinner No. 5132.

Recommended Film Thickness:**Wet:** 3.2 mils**Dry:** 1.4 mils**Spread Rate (Theoretical):** up to 500 sq. ft./gal.**Dry time (70°F @ 50% R.H.):****To Touch:** 4 hours**To Recoat:** 24 hours**Full Service:** 7-14 days

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

Flash Point: 113°F (45°C)**Flame Spread Rating:** Class A (0-25)

(See Porter Technical Bulletin No. 9: Flame Spread Rating.)

Federal Specification Crossover: TT-E-489; TT-E-505;

TT-E-506; TT-P-37; TT-P-81

(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

Note: This product is not formulated with lead or mercury containing materials.

REGULATORY DATA

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

VOC (theoretical):

As supplied (untinted): 3.02 lb/gal (362 g/l)

When thinned to maximum: 3.17 lb/gal (380 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. 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. For best performance, new plaster, concrete and masonry should cure 28 days minimum for walls and 3 months for new concrete floors. 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 sand level and smooth before painting. **Prime all bare substrates (See RECOMMENDED SYSTEMS) before finishing with GLYPTEX Urethane Gloss Enamel No. 4139 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.*

Mixing: Mix thoroughly with a power agitator before application.

Thinning: If necessary for **brush or roller or spray**, thin sparingly with Porter Paint Thinner No. 5132 up to 6 ounces per gallon. **For new wood or concrete floors**, thin the first coat 6 ounces per gallon with Porter Paint Thinner No. 5132. For additional coats, thin only when necessary, and then thin sparingly.

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

Application:

Conditions: Temperature Range: 35°F to 110°F (air, surface, paint) (Optimum paint temperature 65-80°F)

Dew Point: Surface temperature must be at least 5°F above the dew point.

Relative Humidity: Maximum 85%

Equipment: Brushes: Use nylon/polyester or china bristle brushes.

Rollers: Use polyester or lambswool roller covers.

Airless Spray: Minimum 28:1 ratio pump; .013"-.015" tip; 1800-2400 psi; ¼" ID high pressure material hose.

Conventional Spray: DeVilbiss MBC-510 gun; E tip; 704 Air Cap; 3/8" ID material hose; double regulated pressure tank with oil and moisture separator.

Directions: New Work: Apply the appropriate selected primer (see Recommended Systems) per label directions. Finish with one or more coats of GLYPTEX Urethane Gloss Enamel No. 4139 series.

Repaint: Spot prime bare areas as necessary with an appropriate primer, then apply one or more coats of GLYPTEX Urethane Gloss Enamel No. 4139 series.

Floors: Apply a prime coat of GLYPTEX Urethane Gloss Enamel No. 4139 series thinned 6 ounces per gallon with Porter Paint Thinner No. 5132. Overcoat with one or more additional unthinned coats. *NOTE: Add 1# powdered pumice per gallon to the finish coat to improve slip resistance.*

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: 2.9 lb/qt (17.8 lb/carton); 11.2 lb/gal (45.8 lb/carton)



The technical data furnished is true and accurate to the best of our knowledge. However, no guarantee of accuracy is given or implied. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. Technical data are theoretical values and subject to change without prior notice.

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