

# PORTER<sup>®</sup>

## COATINGS

### DURA-GLAZE™ WB Gloss Epoxy

**9371**

**DURA-GLAZE WB Gloss Epoxy No. 9371** is a two-component, waterborne, low odor, interior, catalyzed epoxy finish for use over properly prepared and primed metal, masonry, drywall and plaster surfaces. Use anywhere that the chemical and abrasion resistance of a cross-linked epoxy is needed, especially for alkalis and mild acid solutions. DURA-GLAZE WB Gloss Epoxy No. 9371 can be applied over virtually any properly prepared architectural or light industrial paint or primer to upgrade chemical and abrasion resistance in hospitals, schools, nursing homes, veterinary centers, offices, corridors, commercial kitchens, laboratories and industrial plants.

USED FOR	FEATURES
• Primed metal	• Durable, high gloss finish
• Concrete	• Soap and water clean-up
• Masonry	• Low odor
• Drywall	• Chemical & solvent resistant
• Wallboard	• Washable, easy to clean
• Plaster	• Can apply over latex paint
• Wood trim	• Wide color choice

#### RECOMMENDED SYSTEMS

DURA-GLAZE WB Gloss Epoxy No. 9371 can be used over a wide variety of architectural and light industrial primers and finishes. **Finish the following primed interior surfaces with one or two coats of DURA-GLAZE WB Gloss Epoxy No. 9371:**

SUBSTRATE	TYPICAL PRIMER
<b>Aluminum:</b>	272/276, 286, 296
<b>Drywall:</b>	135, 867, 1129
<b>Galvanized Metal:</b>	212/215, 290, 299
<b>Iron, Steel:</b>	212/215, 272/276, 286, 296, 299
<b>Masonry</b>	
<b>Brick:</b>	335, 867, 1129, self prime
<b>Concrete:</b>	335, 867, 1129, self-prime
<b>Concrete Block (CMU):</b>	222, 896, 6223
<b>Plaster:</b>	135, 867, 1129
<b>Repaint:</b>	1129, 6064, self-prime
<b>Wood:</b>	335, 1129, 6064

#### LIMITATIONS

**Not recommended for immersion.** Do not apply when air or surface temperature is below 50°F or above 110°F. Surface temperature must be at least 5°F above dew point. For optimum application properties, bring material to 70-80°F (21-27°C). Use for service below 200°F. NOTE: Epoxy coatings amber and chalk when exposed to sunlight and man-made ultraviolet light sources. Therefore, this product is not recommended for exterior finish or under fluorescent lighting as a "pure white" color. Product will amber naturally with time to off-white.

#### TECHNICAL DATA

Data below is based on White base.

<b>Product Type:</b>	Waterborne catalyzed epoxy		
<b>Bases/Colors:</b>	<b>Part A</b>	<b>Part B</b>	
	White	9370A	9371B
	Light base	9371A	9371B
	Deep base	9373A	9373B
	Ultra base	9376A	9376B
<b>Mix ratio:</b>	1:1 (2-component)		
<b>Induction (Sweat-in) period:</b>	15 minutes		
<b>Pot life:</b>	12 hours @70°F (21°C)		
<b>Gloss, 60°:</b>	High Gloss (Typical range: 93 -99)		
<b>Reflectance:</b>	92 ± 1%		
<b>Percent Solids:</b>			
<b>Weight:</b>	52 ± 2%		
<b>Volume:</b>	37 ± 2%		
<b>PVC:</b>	22 ± 2%		
<b>Weight/Gallon:</b>	10.5 lb (combined); A=8.9 lb, B= 12.1 lb		
<b>Viscosity (Mixed):</b>	110 - 130 Krebs Units		
<b>Thinner:</b>	Thin with clean water as necessary up to 1 pint per gallon.		
<b>Clean-up:</b>	Use warm, soapy water.		
<b>Recommended Film Thickness:</b>			
<b>Wet:</b>	5.0 mils		
<b>Dry:</b>	2.0 mils		
<b>Spread Rate (Theoretical):</b>	up to 320 sq. ft./gal. on smooth surfaces, 150-200 sq. ft./gal. on rough surfaces.		
<b>Dry time (70°F @ 50% R.H.):</b>			
<b>To Touch:</b>	3 hours		
<b>To Recoat:</b>	10 hours		
<b>Full Service:</b>	3-10 days		

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

<b>Flash Point:</b>	Part A - >200°F (>93°C)
	Part B - 130°F (54°C)

**Flame Spread Rating:** Class A (0-25)

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

**Federal Specification Crossover:** TT-C-535 (NOTE: Do not use this product as an alternate to TT-C-535 whenever a solventborne epoxy is required.)  
*(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)*

#### REGULATORY DATA

**VOC (theoretical):**

As supplied (untinted): 2.04 lb/gal (244 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, 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 sand level and smooth before painting. Prime all bare substrates (see RECOMMENDED SYSTEMS) before finishing with DURA-GLAZE WB Gloss Epoxy.

## INSTRUCTIONS FOR USE

**Tinting:** Tint with Porter DESIGN SPECTRUM® Colorants per label instructions. To closely match the DESIGN SPECTRUM fan deck colors, add 1½ times the normal color formula in the appropriate base. **NOTE: Always add tint colorants to Part A.**

**Mixing:** Product is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. 1) Mix Part A with a power agitator. 2) Mix Part B with a power agitator. 3) Combine entire contents of Part A and Part B. Mix thoroughly with a power agitator.

**Sweat-in:** Allow the mixed coating to sweat-in (sit undisturbed) for 15 minutes before applying.

**Pot Life:** Approximately 12 hours under normal ambient conditions. Pot life will be less at elevated temperatures. *NOTE: Do not refrigerate product to extend the pot life.*

**Thinning:** If necessary, thin with clean water up to 1 pint per gallon.

**Clean-up:** Clean tools and spray equipment immediately after use with warm, soapy water.

**Application:**

<b>Conditions:</b>	<b>Temperature Range:</b>	50°F to 110°F (air, surface, paint) (Optimum temperature range is 65-85°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 or polyester brushes.
	<b>Rollers:</b>	Use lint free, "all purpose" solvent and water resistant roller covers. <i>NOTE: Do not use lambswool roller covers.</i>
	<b>Airless Spray:</b>	Graco 205-591 gun; .015"-.017" tip; minimum 28:1 ratio pump; 1800-2400 psi atomizing pressure.
	<b>Conventional Spray:</b>	DeVilbiss MBC-510 gun; E tip; 704 Air Cap; 3/8" (1.0 cm) 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 DURA-GLAZE WB Gloss Epoxy.
	<b>Repaint:</b>	Spot prime bare areas as necessary with an appropriate primer, then apply one more coats of DURA-GLAZE WB Gloss Epoxy.

**Washing Instructions:** Protect the finish from abuse and contamination until well cured, at least 10-14 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 Paint Thinner No. 5132 or other 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:** Part A: 4 gallons per carton; 5-gallon pail / Part B: 4 gallons per carton; 5-gallon pail

**Shipping Weights:** Part A: 9.7 lb/gal (39.7 lb/carton); 47.4 lb/5-gal / Part B: 12.9 lb/gal (52.6 lb/carton); 63.4 lb/5-gal



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