DURA-GLAZE™ PP9371

PPG Architectural Coatings

DURA-GLAZE™ WB Gloss Epoxy

GENERAL DESCRIPTION

DURA-GLAZE WB Gloss Epoxy No. PP9371 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 alkalies and mild acid solutions. DURA-GLAZE WB Gloss Epoxy No. PP9371 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.

RECOMMENDED USES

- Primed metal
- Concrete
- Masonry
- Drywall
- Wallboard
- Plaster
- Wood trim

FEATURES / BENEFITS

• Durable, high gloss finish	Abrasion resistant
• Soap and water clean-up	No solvent disposal issues
• Chemical & solvent resistant	Good in hard use areas
• Washable, easy to clean	Stain resistant
• Can apply over latex paint	No special primers needed
• Wide color choice	3 tint bases

RECOMMENDED SYSTEMS

DURA-GLAZE WB Gloss Epoxy No. PP9371 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. PP9371:

SUBSTRATE	TYPICAL PRIMER
Aluminum:	PP276, PP286, PP296
Drywall:	PP135, PP867, PP1129
Galvanized Metal:	PP215, PP290, PP299
Iron, Steel:	PP215, 272/276, 286, 296, 299
Masonry	
Brick:	PP335, PP867, PP1129, self prime
Concrete:	PP335, PP867, PP1129, self-prime
Concrete Block (CMU):	PP222, PP896, PP6223
Plaster:	PP135, PP867, PP1129
Repaint:	PP1129, PP6064, self-prime
Wood:	PP335, PP1129, PP6064

TINTING AND BASE INFORMATION

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.

	Part A	Part B
White	PP9370A	PP9371B
Light base	PP9371A	PP9371B
Deep base	PP9373A	PP9373B
Ultra base	PP9376A	PP9376B

PRODUCT DATA

Data below based on White base

Product Type: Waterborne catalyzed epoxy
Mix ratio: 1:1 (2-component)
Induction (Sweat-in) period: 15 minutes
Pot life: 12 hours @70ºF (21ºC)
Gloss, 60º: High Gloss (Typical range: 93 -99)
Reflectance: 92 ± 1%
Percent Solids:
Weight: 52 ± 2%
Volume: 37 ± 2%
VOC (theoretical):
As supplied (untinted): 2.04 lb/gal (244 g/l)
Weight/Gallon: 10.5 lb (combined); A=8.9 lb, B= 12.1 lb
Viscosity (Mixed): 110 - 130 Krebs Units
Thinner: Thin with clean water as necessary up to pint per gallon.
Clean-up: Use warm, soapy water.
Recommended Film Thickness:
Wet: 5.0 mils
Dry: 2.0 mils
Spread Rate (Theoretical): up to 320 sq. ft./gal. on smooth surfaces, 150-200 sq. ft./gal. on rough surfaces.
Dry time (70ºF @ 50% R.H.):
To Touch: 3 hours
To Recoat: 10 hours
Full Service: 3-10 days
(Drying times listed may vary depending on temperature, humidity, color, and air movement.)
Flash Point: **Part A -** >200ºF (>93ºC)
Part B - 130ºF (54ºC)
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.)

LIMITATIONS OF USE

Not recommended for immersion. Do not apply when air or surface temperature is below 50ºF or above 110ºF. Surface temperature must be at least 5ºF above dew point. For optimum application properties, bring material to 70-80ºF (21-27ºC). Use for service below 200ºF. 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.

GENERAL 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. PP571, Dirtex 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.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

DIRECTIONS FOR USE

Stir thoroughly before using and occasionally during use. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

Permissible temperatures during application:

Temperature Range:	50ºF to 110ºF (air, surface, paint) (Optimum temperature range is 65-85ºF)
Dew Point:	Surface temperature must be at least 5ºF above the dew point.
Relative Humidity:	Maximum 85%

New Work: Apply the appropriate selected primer (see Recommended Systems) per label directions. Finish with one or more coats of DURA-GLAZE WB Gloss Epoxy.

Repaint: 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. PP571, Porter Paint Thinner No. 5132 or other mineral spirits.

APPLICATION INFORMATION

Application Equipment: Apply with a high quality brush, roller, or by spray equipment.

Airless Spray: Graco 205-591 gun; .015"-.017" tip; minimum1 gallon per minute pump; 1800-2400 psi atomizing pressure.
Conventional Spray: 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.

Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Brushes: Use nylon or polyester brushes.
Rollers: Use lint free, "all purpose" solvent and water resistant roller covers. NOTE: Do not use lambswool roller covers.

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.
Thinning: If necessary, thin with clean water up to 1 pint per gallon.
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.
Clean-up: Clean tools and spray equipment immediately after use with warm, soapy water.

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

PPGAF believes the technical data presented is currently accurate: however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.

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