PPG Architectural Coatings

GLYPTEX™ Interior/Exterior Gloss W/B Alkyd Enamel

GENERAL DESCRIPTION

GLYPTEX Gloss WB (Water-Borne) Alkyd Enamel offers an environmentally preferred, low VOC, low odor product with performance characteristics of a conventional alkyd, but with the application ease and water clean up of a latex. it is a super premium, versatile product which can be used for both interior and exterior applications including wood and trim, drywall, plaster, wallpaper, metal and masonry surfaces; offering superior hiding, long-lasting beauty and durability. it has been formulated to provide a smooth film hardness that resists abrasion and stains, washes easily and has excellent color and gloss retention. The WB alkyd technology minimizes yellowing (all alkyds tend to yellow as they age) vs. conventional alkyds, but provides similar hardness, sandability and blocking resistance.

RECOMMENDED SUBSTRATES

Aluminum	Galvanized Steel
Concrete/Masonry Block	Gypsum Wallboard-Drywall
Concrete	Masonry
Ferrous Metal	Plaster
	Wood

CONFORMANCE STANDARDS

- VOC compliant in all regulated areas
- Can earn LEED NC Version 2.2 and 3.0 credits

APPLICATION INFORMATION

Stir thoroughly before using and occasionally when in use. When using more than one container of the same color, intermix to ensure color uniformity. 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.

Application Equipment: Apply with a high quality brush, roller, or by paint pad, or by spray equipment. Where necessary, apply a second coat.

Airless Spray: Pressure 1900 psi, tip size 0.013”

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.

Brush: Polyester/Nylon Brush
Roller: 3/16” - 3/8” nap roller cover
Thinning: Do not thin.
Permissible temperatures during application:

Material:	50 to 90ºF	10 to 32ºC
Ambient:	50 to 100ºF	10 to 38ºC
Substrate:	50 to 100ºF	10 to 38ºC

TINTING AND BASE INFORMATION

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

PP4210	White and Pastel Base
PP4259	Midtone Base*
PP4258	Deeptone Base*
PP4254	Ultra Deep Base*
PP4224	Black

*Must be tinted before use.

Some colors, drastic color changes or porous substrates may require additional coats to achieve a uniform finish.

PRODUCT DATA

PRODUCT TYPE:	Water-Borne Alkyd
SHEEN:	Gloss: 70 to 100 (60º Gloss Meter)
VOLUME SOLIDS*:	35% +/- 2%
WEIGHT SOLIDS*:	44% +/- 2%
VOC*:	40 g/L (0.3 lbs./gal.)
WEIGHT/GALLON*:	9.9 lbs. (4.5 kg) +/- 0.2 lbs. (91 g)

*Product data calculated on product PP4210.

COVERAGE: 350 to 400 sq. ft./gal. (32.5 to 37 sq. m/3.78L)

Wet Film Thickness:	4.0 to 4.6 mils
Wet Microns:	102 to 117
Dry Film Thickness:	1.4 to 1.6 mils
Dry Microns:	36 to 41

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing.

DRYING TIME: Dry time @77ºF (25ºC); 50% relative humidity.

To Touch:	1 hour
To Recoat:	16 hours
Full Service	7 to 14 days

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

WASHING INSTRUCTIONS: Wait at least 14 days after painting before cleaning the surface with a non-abrasive mild cleaner.

CLEANUP: Clean tools with warm soapy water.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: Over 200ºF (93ºC)

FEATURES / BENEFITS

Features	Benefits
Low VOC, low odor	Meets regulatory standards and can be used in occupied areas
Superior hiding	Provides better surface coverage
Hardness and durability	Provides long lasting beauty and abrasion resistance
Excellent flow and leveling	Less brush marks provides smooth film
Excellent adhesion	Sticks to difficult substrates including previously painted aged alkyds
Excellent stain resistance	Resists common household spills and stains and washes easily
Excellent color and gloss retention	Looks newer longer
Minimizes yellowing vs. conventional alkyds	Provides whiter finish
Excellent blocking resistance	Provides non-sticking film which can be used on door frames and window sills

GENERAL SURFACE PREPARATION

Surfaces to be coated must be dry, clean, sound, and free from all contamination including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding. Prime all bare and porous substrates with an appropriate primer. Remove mildew by using PPG MILDEW CHECK® Multi-Purpose Wash, 18-1 (for exterior use only); or 1 part chlorine bleach to 3 parts water. Before use, be sure to read and follow the instructions and warnings on the label. 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. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

ALUMINUM: This substrate may present potential adhesion problems. Any coating applied directly to aluminum should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed.

CONCRETE/MASONRY BLOCK: Mortar should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.

CONCRETE and MASONRY: New concrete should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before priming with an alkali resistant primer.

FERROUS METAL: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants, and then primed.

GALVANIZED STEEL: Caution must be used when selecting coatings for use on all galvanized metal surfaces. These substrates may have a factory-applied stabilizer, which is used to prevent white rusting during storage and shipping. Such stabilizers must be removed by either brush blasting, sanding or chemical treatment prior to priming.

GYPSUM WALLBOARD-DRYWALL: Nails or screws should be countersunk, and they along with any indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust, then prime prior to painting the substrate.

PLASTER: Plaster, hardcoat, skim coat, or other alkaline surfaces should be allowed to cure for at least 30 days prior to priming with an alkali resistant primer.

WOOD: Unpainted wood or wood in poor condition should be sanded smooth, wiped clean, then primed. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface, then prime.

RECOMMENDED PRIMERS

Aluminum:	6-204, 17-921
Galvanized Steel:	17-921, 90-712
Ferrous Metal:	90-712
Drywall:	PP335, PP867, PP1129, 6-2, 6-4
Plaster:	PP335, PP1129, 4-603, 17-921
Wood, interior:	PP335, PP1129, 17-921
Wood, exterior:	PP335, 17-921, 6-9, 6-809
Masonry**	
Brick:	PP335, PP1129, 4-603, 17-921
Concrete Block (CMU):	6-7, 6-15
Concrete:	PP335, 4-603, 17-921

****NOTE:** Application of alkyd paints on concrete and masonry where moisture is constantly present, is not recommended.

LIMITATIONS OF USE

Apply when air, surface and product temperatures are above 50ºF 10ºC) and the surface temperature is at least 5ºF (3ºC) above the dew point. Avoid exterior painting late in the day when dew and condensation are likely to form or if rain is expected.

PROTECT FROM FREEZING. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

PACKAGING

1-Gallon (3.78 L)

PPG Porter Paints
400 South 13th Street
Louisville, KY 40203
www.ppgporterpaints.com

Technical Services
1-800-332-6270

Architect/Specifier
1-888-PPG-IDEA

PPG Industries, Inc.
One PPG Place
Pittsburgh, PA 15272
www.ppg.com

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