



PPG High Performance Coatings

7 Line Interior/Exterior Industrial Gloss Oil

GENERAL DESCRIPTION

7-Line industrial enamels are for industrial use and may be used on properly prepared and primed interior or exterior surfaces of wood, metal, masonry, plaster, and composition board. Recommended for use on floors and machinery. For professional use only; not intended for household use.

RECOMMENDED SUBSTRATES

Aluminum	Gypsum Wallboard-Drywall	Stucco
Concrete	Masonry	Wood
Ferrous Metal	Plaster	
Galvanized Steel	Plywood	

FEATURES / BENEFITS

Full color tinting capability
Durable interior/exterior gloss finish
Performance offset to Federal Standards TT-E-489, TT-E-505 and TT-E-506

DIRECTIONS FOR USE

Stir thoroughly before using and occasionally during use. When using more than one can of the same color, intermix to ensure color uniformity. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. 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.

Explosion-proof equipment must be used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in use.

Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 100°F	10 to 38°C
Substrate:	50 to 100°F	10 to 38°C

APPLICATION INFORMATION

Application Equipment: Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions.

Conventional Spray: Graco 700 gun - 217-757 equipment.
Fluid Pressure: 20 lbs. Atomizing Pressure: 35-40 lbs.

Airless Spray: Pressure 2000 psi, tip size 0.015: to 0.021"
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: High quality brush
Roller: High quality roller cover

Thinning: DO NOT THIN.

PACKAGING

1-Gallon (3.78 L)
5-Gallon (18.9 L)

Not all products are available in all sizes.

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.

7-282	White
7-801	Brilliant Red (Safety Red)
7-803	Regal Blue (Safety Blue)
7-804	Safety Green
7-805	Blaze Orange (Safety Orange)
7-806	Vista Green
7-808	Safety Yellow
7-809	Gloss Black
7-814	Pastel Base
7-815	Midtone Base*
7-816	Deeptone Base*
7-817	Deep Rustic Base*

*Must be tinted before use.

Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

PRODUCT DATA

PRODUCT TYPE:	Alkyd Oil
 SHEEN:	Gloss: 80 to 100 (60° Gloss Meter)
VOLUME SOLIDS*:	58% +/- 2%
WEIGHT SOLIDS*:	72% +/- 2%
VOC*:	332 g/L (2.8 lbs./gal.)
WEIGHT/GALLON*:	9.8 lbs. (4.4 kg) +/- 0.2 lbs. (91 g)

COVERAGE: 400 to 450 sq. ft./gal. (37 to 41 sq. m/3.78L) per U.S. Gallon (3.78L) on smooth, nonporous surfaces.

Wet Film Thickness:	3.6 to 4.0 mils
Wet Microns:	92 to 102
Dry Film Thickness:	2.0 to 2.3 mils
Dry Microns:	51 to 58

Coverage does not include variation due to application methods, surface porosity, and/or mixing.

DRYING TIME: Dry time @77°F (25°C); 50% relative humidity.

To Touch:	6 to 8 hours
To Recoat:	24 hours

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

CLEAN UP: Mineral Spirits

DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.pittsburghpaints.com, Spontaneous Combustion Advisory for additional information.

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*: 110°F (43°C)

*Product data calculated on product 7-282.

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. **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.

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.

PLYWOOD: Countersink all nails or screws and putty flush with the surface. Surface should be cleaned to remove any dust or contaminants, then primed prior to painting.

MASONRY: New masonry 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.

STUCCO: New stucco 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. Surface chalk from the curing or aging process should be removed then sealed with an appropriate sealer to rebind and restore the surface to a sound condition.

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
Concrete/Masonry Block (block fillers)	6-7, 6-15
Concrete/Masonry (primers, sealers)	4-603, 17-921
Ferrous Metal	6-208, 90-712
Galvanized Steel	6-209, 17-921
Plaster	4-603, 17-921
Plywood	1-70, 6-9, 6-809, 17-921
Masonry	4-603, 17-921
Stucco	4-603
Wood	1-70, 6-9, 6-809, 17-921

LIMITATIONS OF USE

Apply when air and surface temperatures are above 50°F (10°C) and surface temperature is at least 5°F (3°C) above the dew point. Avoid exterior application late in the day when dew and condensation are likely to form or if rain is expected. Some surfaces coated with these products may become slippery when wet. Exercise caution. All oil based alkyd products change color with age. Latex products are recommended when yellowing is a concern. For professional use only; not intended for household use.

PPG Architectural Finishes, Inc. 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.



PPG Industries, Inc.
Architectural Coatings
One PPG Place
Pittsburgh, PA 15272
www.pittsburghpaints.com

Technical Services
1-800-441-9695
1-888-807-5123 fax

Architect/Specifier
1-888-PPG-IDEA

PPG Canada, Inc.
Architectural Coatings
4 Kenview Blvd
Brampton, ON L6T 5E4

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